

# Faculty

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Professor of Mechanical and Industrial Engineering (1986)  
 Ph.D. Operations Research, New York University, 1980  
 Diploma, National Planning Institute, Cairo, 1970  
 B.S., Cairo University, 1969

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Professor of Electrical and Computer Engineering (2001)  
 Ph.D., University of Minnesota, 2001  
 M.S., University of Teheran, 1996  
 B.S., University of Science and Technology, 1991

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 Ph.D. Industrial Engineering, Iowa State University, 1987  
 M.S., Iowa State University, 1983  
 B.S., Helwan University, Cairo, 1977

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Assistant Professor of Engineering Technology (2017)  
 Ph.D. Electrical and Computer Engineering, Drexel University, 2011  
 M.S. Electrical and Computer Engineering, Drexel University, 2007  
 B.E. Instrumentation and Controls Engineering, Nirma Institute of Technology, 2005

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 Ph.D., Moscow Institute of Physics and Technology, 1988  
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 B.Sc., Moscow Institute of Physics and Technology, 1983

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Assistant Professor of Civil and Environmental Engineering (2015)  
 Ph.D. Civil Engineering, Oregon State University, 2015  
 B.S. Civil Engineering, University of New Hampshire-Main Campus, 2015  
 M.S., Oregon State University, 2014  
 M.S. Civil Engineering, Oregon State University, 2012

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 Ph.D. Mechanical Engineering, University of Toronto, 2007  
 M.S., University of Science and Research, Iran, 2007  
 B.S., Azad University of Tehran, Iran, 2007

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 Ph.D. Mechanical Engineering, University of Houston, 2016  
 M.S. Structural Engineering, Sharif University of Technology, 2012  
 B.S. Civil Engineering, Sharif University of Technology, 2009

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 Ph.D., Johns Hopkins University, 2000  
 M.S., Seoul National University, South Korea, 1994  
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 Ph.D., Business Data Science, NJIT, 2022  
 M.S., Economics and Finance, Southern Illinois University Edwardsville

M.B.A., Shahjalal University of Science & Technology, 2016  
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Ph.D. Electrical Engineering, Polytechnic Institute of New York University, 1987  
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B.S., University of Guilan, Mechanical Engineering, 2007  
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Ph.D., University of Wyoming, Mechanical Engineering, 2015

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Ph.D. Biomedical Engineering, Rutgers University-New Brunswick, 1998  
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B.S. Electrical Engineering, Rutgers University-New Brunswick, 1994

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Ph.D. Accounting, Drexel University, 1995  
M. Phil. Activity Based Costing, Cranfield University, 1986  
MBA Accounting, Cranfield University, 1984  
B.B.A. Accounting, University of Colombo, 1982

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B.A., SUNY at Albany, Psychology, 1986  
M.A., SUNY at Albany, Counseling, 1988  
Ph.D., SUNY at Albany, Counseling Psychology, 1995

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B.S., Azad University, Computer Engineering, 2012  
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Ph.D. Electrical Engineering, Purdue University-Main Campus, 1988  
M.S. Electrical Engineering, University of Michigan-Ann Arbor, 1983  
B.S., New Jersey Institute of Technology, 1982

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B.S., Cairo University, Electrical Engineering (Electronics and Communication), 1974  
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Ph.D. Bioengineering, University of Pennsylvania, 1999  
M.S. Biomedical Engineering, Johns Hopkins University, 1994  
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Ph.D. Chemical Engineering, University of Virginia-Main Campus, 1983  
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 BS in Applied Mathematics (UCLA)  
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 Ph.D. Environmental Remote Sensing, University of Wisconsin Colleges, 1984  
 M.S., Illinois State University, 1968  
 B.S., Teheran University, 1965

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 B.S., University of Notre Dame, Mechanical Engineering, 2004  
 Ph.D., Rutgers University-New Brunswick, Mechanical Engineering, 2018

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 Ph.D., University of Minnesota, 1983  
 M.S., University of Illinois at Urbana-Champaign, 1980  
 Diploma, National Technical University of Athens, 1978

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 Ph.D. Civil and Environmental Engineering, Stanford University, 2015  
 M.S. Civil Engineering, Villanova University, 2011  
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Associate Professor of Management (2012)  
 Certification Executive Development, Harvard School of Management, 1996  
 Ph.D. Systems Engineering, University at Buffalo, 1990  
 M.S. Computer Engineering, University at Buffalo, 1985

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Professor of Chemical and Materials Engineering (1990)  
 Ph.D. Chemical Engineering, Massachusetts Institute of Technology, 1990  
 M.S. Chemical Engineering, New Jersey Institute of Technology, 1983  
 B.S. Chemical Engineering, New Jersey Institute of Technology, 1980

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 Ph.D. Comparative Biology, Richard Gilder Graduate School, 2015  
 B.S. Ecology and Evolution, Arizona State University, 2009

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Ph.D. Computer Science, The University of Texas at Arlington, 2011

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B.Tech Computer Science and Engineering, University of Calcutta, 2004

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Ph.D. Chemical and Bio-Molecular Engineering, University of Notre Dame, 2010

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Ph.D. Applied Mathematics, Northwestern University, 1987

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M.A. Part III Mathematics Tripos, Cambridge University, 1979  
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 Ph.D. Computer Science, Rutgers University-New Brunswick, 2004  
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 Ph.D., Universite de Toulouse, France, 2002  
 M.S., University of Paul, France, 1996  
 B.S., University of Constantine, Algeria, 1993

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 Ph.D., University of Cincinnati, 1998  
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 B.S., Jesuit University at Beirut, Lebanon, 1988

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 Ph.D.

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 Ph.D. Biology, University of Pittsburgh-Pittsburgh Campus, 2004  
 B.S. Ecology and Evolution, The Evergreen State College, 1994

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 M.S. Computer Science, University of Alabama in Huntsville, 2010  
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Ph.D. Astrophysics and Astronomical Instrument, National Astronomical Observatories, Chinese Academy of Sciences, 2001

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B.S., University of National Defense Science and Technology (China), 1989

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Professor of Electrical and Computer Engineering (1986)

Ph.D., Rensselaer Polytechnic Institute, 1987

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M.A., Stanford University, Music Science and Technology, 2007

Ph.D., Northwestern University, Computer Science, 2016

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B.S., University of Oviedo, Biochemistry, 2006

B.S., University of Oviedo, Biological Sciences, 2003

M.S., University of Granada, Forensic Anthropology and Genetics, 2011

M.S., University of Oviedo, Biochemistry, 2008

M.S., University of Oviedo, Education, 2004

Ph.D., Institute for Cancer Research of Principado de Asturias, Biochemistry, 2012

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Professor of Mechanical and Industrial Engineering (1990)

Ph.D. Dynamics and Controls/Mechanical Engineering, University of Minnesota-Twin Cities, 1976

M.S. Engineering Mechanics, The University of Alabama, 1973

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Ph.D. Organic Chemistry (honors), Université Laval, Canada, 2015

B.Sc. Chemistry, Université Laval, Canada, 2010

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Ph.D. Management, Rutgers Business School, 2019  
 M.B.A. Supply Chain Management and Finance, Rutgers Business School, 2009  
 M.A. International Economics, Shanghai University of Finance & Economics, 2006  
 B.A. Economics and Russian, National Chengchi University, 2003

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Professor of Chemistry and Environmental Science (2018)  
 Ph.D. Chemistry and Environmental Science, Purdue University, 2005  
 MS, Analytical Chemistry, University of Massachusetts at Dartmouth, 2001  
 MS, Polymer Chemistry and Physics, Shanghai Institute of Organic Chemistry, China, 1999  
 BS, Chemistry, Wuhan University, Wuhan, China, 1996

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Professor of Management (2013)  
 Ph.D., University of Pennsylvania, 2005  
 M.S., University of Pennsylvania, 2000  
 B.S., Central South University, China, 1999

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Assistant Professor of Physics (2016)  
 Ph.D. Astronomy, University of Virginia-Main Campus, 2013  
 M.S. Astronomy, University of Virginia-Main Campus, 2010  
 M.S. Astrophysics, University of Chinese Academy of Sciences, 2008  
 B.S. Physics, Peking University, 2005

#### **Chester, Shawn A.**

Assistant Professor of Mechanical and Industrial Engineering (2013)  
 Ph.D. Mechanical Engineering, Massachusetts Institute of Technology, 2011  
 M.S. Mechanical Engineering, New Jersey Institute of Technology, 2006  
 B.S. Mechanical Engineering, New Jersey Institute of Technology, 2005

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Professor of Civil and Environmental Engineering (1996)  
 Ph.D. Civil and Environmental Engineering, University of Maryland-College Park, 1995  
 M.S. Civil and Environmental Engineering, University of Maryland-College Park, 1991  
 B.S. Civil Engineering, Tamkang University, 1983

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Professor of Physics (1987)  
 Ph.D., Stanford University, 1986  
 M.S., University of Georgia, 1982  
 B.S., Peking Institute of Aeronautics, 1959

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Assistant Professor of Chemical and Materials Engineering  
 B.Eng., University of Technology Jamaica, Chemical Engineering, 2013  
 Ph.D., New Jersey Institute of Technology, Chemical Engineering, 2019

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Professor of Mathematical Sciences (2005)  
 Ph.D. Engineering Science, California Institute of Technology, 1993  
 M.S. Naval Architecture, Seoul National University, 1986  
 B.S. Naval Architecture, Seoul National University, 1984

#### **Chong Jin, Assistant Professor**

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Professor of Humanities (2001)  
 Ph.D., University of Pennsylvania, 1993  
 M.S., Columbia University in the City of New York, 1987  
 B.S., New York University, 1984

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University Lecturer, Humanities

**Cummings, Linda J.**

Associate Professor of Mathematical Sciences (2008)

Ph.D. Applied Mathematics, University of Oxford, 1996

B.A. Mathematics, University of Oxford, 1993

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Associate Professor of Computer Science (2008)

Ph.D. Computer Science, Johns Hopkins University, 2007

M.S. Computer Science, Johns Hopkins University, 2003

B.S. Computer Science, Politehnica University of Bucharest, 2001

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Ph.D. Modeling and Simulation, University of Central Florida, 2018

M.S. Modeling and Simulation, University of Central Florida, 2015

M.S. Digital Arts and Science, University of Florida, 2006

B.S. Computer Science, Lebanese American University, 2004

**Daniel, Janice R.**

Associate Professor of Civil and Environmental Engineering (1999)

Ph.D. Civil and Environmental Engineering, Texas A&M Health Science Center, 1995

M.S. Transportation Planning and Engineering, Polytechnic Institute of New York University, 1989

B.S. Civil Engineering, Princeton University, 1985

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Professor of Mechanical and Industrial Engineering (1989)

Ph.D., Virginia Polytechnic Institute and State University, 1989

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B.S., University of Science and Technology (Ghana), 1982

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Ph.D. Philosophy, Brown University, 2015

M.S. Computational Mechanics, Universitat Politecnica de Catalunya, 2010

M.S. Structural Engineering, Indian Institute of Science, 2008

B.S. Civil Engineering, Indian Institute of Engineering Science, 2006

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Ph.D. Mechanical Engineering, Utah State University, 1983

M.S. Mechanical Engineering, Utah State University, 1981

B.S. Mechanical Engineering, Indian Institute of Technology, 1978

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B.A., University of Maryland-Baltimore County, English Literature and Creative Writing, 2008

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Diploma Architektur, FHM Munich University of Applied Sciences, 2004

Diploma, FHM Munich University of Applied Sciences, 2000

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Ph.D. Computer and Information Science, New Jersey Institute of Technology, 1997  
 M.S. Computer Science, New Jersey Institute of Technology, 1986  
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 Ph.D.; University of Pennsylvania; History and Sociology of Science, 2017  
 M.A.; University of Pennsylvania; History and Sociology of Science, 2012  
 B.A.; Brown University, Biology; 2006

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 Ph.D., Michigan State University, 1988  
 M.Sc., University of Poona, 1981  
 M.S., Michigan State University, 1983  
 B.Sc., University of Poona, 1979

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 Ph.D., McGill University, Canada, 2007  
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 B.S., Universidade de Brasilia, Brazil, 1998

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 Ph.D., University of Michigan, 2010  
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 B.S., Purdue University, 2002

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 Ph.D., Ohio State University, 2010  
 M.S., Northwestern Polytechnic University, 1998  
 B.E., Northwestern Polytechnic University, 1996

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 Ph.D. Civil and Environmental Engineering, New Jersey Institute of Technology, 1995  
 M.S., Massachusetts Institute of Technology, 1992  
 M.S., Tsinghua University, 1987  
 B.S., Tsinghua University, 1984

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 B.E., Harbin Institute of Technology, Mechanical Engineering, 2008  
 M.E., Stevens Institute of Technology, Mechanical Engineering, 2011  
 Ph.D., Stevens Institute of Technology, Mechanical Engineering, 2017

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 Ph.D., Odessa University, 1992  
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 B.S., Odessa College of Measurements, 1980

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B.S., New Mexico State University-Main Campus, Chemistry, 2010  
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Humanities & Social Sciences

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Ph.D., Virginia Polytechnic Institute and State University  
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B.S., Louisiana Tech University

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Ph.D. Economics - Finance Thesis, Princeton University, 1987  
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B.S., Anadolu University, Industrial Engineering, 1988  
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Ph.D., CUNY Graduate School and University Center, Computer Science, 2008

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B.S., Sharif University of Technology, Applied Mathematics, 2001  
M.S., Amirkabir University of Technology, Applied Mathematics - Computational Geometry, 2003  
Ph.D., Amirkabir University of Technology, Applied Mathematics - Computational Geometry, 2009

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Professor of Architecture and Design and History (2001)  
Ph.D. Art and Architectural History, CUNY Graduate School and University Center, 1999  
M.S., CUNY Graduate School and University Center, 1999  
B.A. Art History, Smith College, 1987

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Informatics

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Ph.D. Chemistry, University of California-Santa Cruz, 1997  
B.S. Chemistry, Loyola University Chicago, 1990

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Ph.D. Mechanical Engineering, City College of New York, 2015  
M.Phil. Mechanical Engineering, City College of New York, 2013  
M.S. Mechanical Engineering, Iran University of Science and Technology, 2009  
B.S. Mechanical Engineering, Sharif University of Technology, 2006

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Distinguished Professor of Physics (1992)  
Ph.D. Plasma Physics, Princeton University, 1989  
B.S. Physics, University of Notre Dame, 1983

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Professor of Mechanical and Industrial Engineering (1988)  
Sc.D. Mechanical Engineering, Columbia University in the City of New York, 1985  
M.S.E. Aerospace and Mechanical Sciences, Princeton University, 1973  
B.S. Mechanical Engineering, Columbia University in the City of New York, 1970

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Professor of Management (1993)

Ph.D., Rutgers University, 1994

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Ph.D.

M.S. Marine Science, California State University-Monterey Bay, 2005

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Ph.D. Mathematics, The University of Texas at Austin, 2015

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Ph.D. Applied Mathematics, Simon Fraser University, 2012

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Ph.D. Ethology, Universite de Toulouse, 2008

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Ph.D. Astrogeophysics, University of Colorado at Boulder, 1982

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Ph.D., University of Rhode Island, 1994  
M.S., Nanjing Aeronautical Institute, 1985  
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Ph.D., Pennsylvania State University, 2002  
M.S., Pennsylvania State University, 1999  
B.A., State University of New York at Geneseo, 1996

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Ph.D. Mathematics, New York University, 1999  
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Ph.D. Management, Rutgers University-Newark, 1995  
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B.S. Physics, St Petersburg State University, 2003

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 M.S. Metallurgical and Materials Engineering, Middle East Technical University, 2003  
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Ph.D. Computer Aided Geometric Design, University of Birmingham, 2004

B.S., Nanjing University of Aeronautics, 1999

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M.S. Physics, Tsinghua University, 2007

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Postgraduate Diploma, National Institute of Education, Singapore, 1994

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M.A., California State University-Stanislaus, 1992  
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B.E. Mechatronic Engineering, Zhejiang University, 2008

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B.A., Rice University, 1982

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MS in Applied Mathematics, Simon Fraser University, 2006  
PhD in Mathematics, New York University, 2011

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M.S., Eindhoven University of Technology, Statistics, Probability & Operations Research, 2016  
Ph.D., Michigan State University, Computer Science and Engineering, 2021

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B. Science (Pure Mathematics. 1st Class Honours) / B. Arts in 2006 from the University of New South Wales  
PHD (Applied Mathematics) University of Oxford 2014

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Professor of History (2000)

Ph.D., New York University, 2001  
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B.A., Dartmouth College, 1986

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Ph.D. Civil engineering, Carleton University, 2004  
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 B. Com. (HONS) Accounting, St. Xavier's College, 1979

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 B.S., SUNY at Binghamton, Accounting, 2010  
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