

Curriculum Vitae

Imran Khan

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Birthplace: Houston, TX
Nationality: United States
Fluency: Arabic, English, and Urdu

Education

Rice University	2020-Present
Jones Graduate School of Business	
Master of Business Administration (MBA) w/ Corporate Strategy Focus Area	
New York University	2017-2019
Tandon School of Engineering	
Master of Science (MS) - Applied Urban Science and Informatics	
Capstone: Quantifying segregation in New York City schools (with machine learning clustering)	
University of Virginia	2011-2013
Batten School of Leadership and Public Policy	
Master of Public Policy (MPP)	
Capstone: Green procurement strategic plan: Policy analysis, planning, and implementation of sustainable New York City operations	
Southern Methodist University	2009-2010
Simmons School of Education and Human Development, Department of Teaching and Learning	
Master of Education (MEd) w/ Honors	
Thesis: Evaluation and implications of drop-out prevention program among minority adolescents	
Texas A&M University	2000-2003
College of Agriculture and Life Sciences, Department of Biochemistry and Biophysics	
Bachelor of Science (BS) w/ Honors - Biochemistry	
Thesis: Protein peptide purification of Human Metal-responsive Transcription Factor 1	

Fellowships

United States Department of Commerce	2020
Census Bureau	
Civic Digital Fellowship	
University of Southern California	2018
Dornsife College of Letters, Arts and Sciences, Center for Religion and Civic Culture	
American Muslim Civic Leadership Institute Fellowship	
State University of New York	2013-2014
Rockefeller Institute of Government	
Empire State Fellowship	

Curriculum Vitae

New York City Department of Citywide Administrative Services Office of Citywide Procurement Green Procurement Fellowship	2013
United States Department of Energy Office of Economic Impact and Diversity Minority Educational Institution Student Partnership Program Fellowship	2012
Houston Independent School District School Improvement Office Education Pioneers Summer Graduate School Fellowship	2011
California Institute of Technology Division of Chemistry and Chemical Engineering National Science Foundation Partnership for Research and Education in Materials Fellowship	2004-2007

Government Appointments

New York City Mayor's Office Office of Operations, Office for Economic Opportunity Director of Special Projects Assignments: Education, Housing Authority, Service, Social Services, Young Men's Initiative, and Youth and Community Development	2016-2017
Federal Bureau of Investigation Citizens Academy	2015
New York Police Department Citizens Police Academy	2015
New York State Governor's Office Department of Agriculture and Markets, Division of Agricultural Development Empire State Fellow Assignments: Anti-Hunger Task Force, Community, Opportunity, Reinvestment Neighborhoods Initiative, Lean Spending and Government Efficiency Commission, Long Island, Mid-Hudson, and New York City Regional Economic Development Councils, Office of General Services, and Rochester Anti-Poverty Task Force	2013-2015

Industry Appointments

Build Well Labs. LLC Principal Clients: Datapolitan, Education Pioneers, Healthfirst, i4 Group, Mumble Solutions, New York Academy of Sciences, and United States Department of Health and Human Services Pro Bono Clients: Cooking for Community, DataKind, and New Politics Leadership Academy	2018-Present
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Curriculum Vitae

Movement Labs	2021-Present
Analytics Project Manager	
Atkinson-Noland and Associates	2020
Engineer	
Certification: OSHA Construction (30-Hr)	
Arcadis	2018
Data Scientist	
Acumen Solutions	2013
Consultant	
Chemical Information Services	2009-2010
Chemical Data Researcher	
Teva Pharmaceuticals (formerly Watson Pharmaceuticals)	2008
Scientist	
Certification: CGMP (Current Good Manufacturing Practices)	
3M	2007
Materials Scientist	
Curbside, Inc.	2007
Chemist and Hazardous Materials Specialist	
Certification: OSHA HAZWOPER (40-Hr)	

Teaching Appointments

City University of New York Data Analytics	2020-Present
LaGuardia Community College Data Analytics	2020-Present
Collin College Chemistry	2010
Pasadena City College Chemistry	2007
California State University, Los Angeles Chemistry	2004-2006

Research Assistantships

Curriculum Vitae

New York University Urban Modeling Group	2019
New York University GovLab	2018
Southern Methodist University John Goodwin Tower Center for Political Studies Student Forum	2010-2011
Texas A&M University United States Department of Agriculture, Agricultural Research Service	2003
Texas A&M University College of Agriculture and Life Sciences, Department of Biochemistry and Biophysics	2001-2004

Board Appointments

American Chemical Society, New York Local Section Computers in Chemistry Topical Group Co-Chair	2019-2020
New York City Human Resources Administration SNAP Task Force Member	2015
Bedford Stuyvesant Restoration Corporation Central Brooklyn Food Hub Task Force Member	2015
Cornell Small Farms Program Northeast Sustainable Agriculture Research and Education Advisory Board Member	2015
American Farmland Trust Farm to Institution New York State Leadership Team Member	2014-2015
New York State Energy Research and Development Authority Technical Evaluation Panel Member	2014

Publications and Reports

Bateman, A., Grove, L., Swartz, H., and Yang, Z., and Khan, I. "Linking Long Island agriculture to New York City public schools," University of Virginia Frank Batten School of Leadership and Public Policy, 2015.

Curriculum Vitae

Dudley, R., Goodman, D., Hunt, J., and Jung, J., and Khan, I. "Growing local food systems: Policies to expand market access for New York's small farmers," University of Virginia Frank Batten School of Leadership and Public Policy, 2014.

Connors, K., Khan, I., Orphanides, E., and West, M. "Income-generating programs: Best practices and recommendations for Lebanon," University of Virginia Frank Batten School of Leadership and Public Policy, towards partial fulfilment of Master of Public Policy coursework and degree requirements, 2012.

Mathias, E.V., Liu, X., Franco, O., Khan, I., Ba, Y., and Kornfield, J.A. "A model of drug-loaded fluorocarbon-based micelles studied by electron-spin induced ^{19}F relaxation NMR and molecular dynamics modeling," *Langmuir*, 24, 692-700, 2008.

Conference Invitations and Talks

General Assembly, Data Week | Let's Break it Down: Data Science vs. Data Analytics, May 2021, Online

Long Island Food Conference, April 2015, Hempstead, NY

Farm to Institution Summit, April 2015, Amherst, MA

AcademyHealth, National Health Policy Conference, February 2015, Washington, DC

Cornell University, Cornell Cooperative Extension, New York Farms to New York Plates: The Becker Forum on Institutional Purchasing Across NYS, January 2015, Syracuse, NY

American Farmland Trust, New York State Office, Hudson Valley Farm to Institution Summit, October 2014, New Paltz, NY

Empire Farm Days, August 2014, Seneca Falls, NY

White House, Summit on Working Families, June 2014, Washington, DC

New York State Office of General Services, Purchasing Forum and Trade Show, May 2014, Albany, NY

SOMOS El Futuro, Spring Conference, March 2014, Albany, NY

New Leaders Council, Northeast Conversation, March 2014, Jersey City, NJ

Curriculum Vitae

Asian American Government Executives Network, Leadership Workshop, July 2013, Arlington, VA

StartingBloc, Institute for Social Innovation, February 2013, Los Angeles, CA

International Sociological Association RC28 Conference, Labor Market and Educational Transitions in Uncertain Times, August 2012, Charlottesville, VA

Conference on Asian Pacific American Leadership, Washington Leadership Program, Summer 2012, Washington, DC

Clinton Global Initiative, Clinton Global Initiative University, March 2012, Washington, DC

National Academy of Social Insurance, Social Insurance in a Market Economy: Obstacles and Opportunities, January 2012, Washington, DC

Awards

Rice University Jones Dean's Scholarship Award, 2020

Islamic Scholarship Fund Ilhan Omar Courage and Leadership Scholarship, 2018

Islamic Scholarship Fund Deah Yusor Razan Scholarship, 2017

New York City Mayor's Graduate Scholarship, 2017

Kresge Foundation Population Health Scholarship, 2015

New York State Canal Ambassador, 2014

Asian American Government Executives Network Scholarship, 2013

University of Virginia Batten Professional Development Grant, 2011

University of Virginia Batten Merit-Based Fellowship, 2011

Segal AmeriCorps Education Award, 2010

United States Department of State International Visitor Leadership Program Host, 2008

Curriculum Vitae

Robert A. Welch Foundation Scholarship, 2003

Texas A&M University Agriculture and Life Sciences Dean's Honor Role, 2001

Texas A&M University Agriculture and Life Sciences Distinguished Student, 2000

Skills

Programming languages and software: Amazon AWS Redshift, ArcGIS, AutoCAD, C++, CARTO, Cerius2, CHARMM, Empower, Gaussian, Insight II, LaTeX, MATLAB, PostgreSQL, R, Salesforce, Stata, and Tableau

Python packages: GeoPandas, Matplotlib, NumPy, Pandas, Plotly, Scikit-learn, Seaborn, and StatsModels

Microsoft Excel plug-ins: Oracle Crystal Ball, Rutgers YASAI, and Solver

Instrumentation and lab techniques: Column chromatography, dissolution, electron microscopy (SEM/TEM), EPR/NMR spectroscopy, HPLC/GC/MS, LIDAR, metallurgy, organic synthesis, PCR, polymer design, and protein purification