

Megan Chan

Evanston, IL
(951) 500-4580
megan-a-chan.com
megan.chan@u.northwestern.edu

- Education**
- Northwestern University**, Evanston | IL
Ph.D. Industrial Engineering and Management Sciences, June 2026
M.S. Industrial Engineering and Management Sciences, June 2022
- California Polytechnic University**, San Luis Obispo | CA
B.S. Industrial Engineering, June 2019 *Summa Cum Laude*
- Research**
- Graduate Student Researcher**, SONIC Lab Aug. 2021 - Present
- Applied multi-objective and global optimization techniques to reconceptualize performance measurement in spaceflight multiteam systems
 - Utilized autologistic actor attribute models to identify social network relations with multiteam system performance
 - Investigated interpersonal conflict in team environments
- Conferences**
- Chan, M.**, Izadina, N., DeChurch, L., Waechter, A., Contractor, N. (2023, April 19-22). *Measuring Multiteam System Performance with Multi-Objective Optimization*. [Accepted Poster Presentation]. SIOP Annual Conference, Boston, MA, United States.
- Chan, M.**, Izadina, N., DeChurch, L., Waechter, A., Contractor, N. (2022, October 16-19). *A Quantitative Approach to Stratify and Measure Performance of Multi-Team Systems*. [Conference Presentation]. INFORMS Annual Meeting, Indianapolis, IN, United States.
- Workshops**
- NextProf Pathfinder**, University of Michigan & UCSD Oct. 2021
- Accepted and attended a two-day workshop focused on how to develop a successful career in academia
- Teaching**
- Teaching Assistant**, University of Science & Technology Sept. 2022 - Dec. 2022
COMM6416P: Social Network Analysis *Prof. Noshir Contractor*
- Assembled course material, including syllabus, slide decks, and lab assignments
 - Assisted with remote class facilitation
- IEMS PhD Bootcamp Instructor**, Northwestern University Sept. 2022
Python and MATLAB
- Taught introductory Python and MATLAB review sessions for incoming first year Industrial Engineering and Management Science PhD students
- Teaching Assistant**, California Polytechnic University Sept. 2018 - Jun. 2019
IME 312: Data management & system design *Prof. Tao Yang*
- Taught lab sessions, performed grading, and held office hours

Senior Leader, Study Sessions Sep. 2017 - Jun. 2019

- Led bi-weekly study sessions for struggling students in introductory math and science topics
- Trained new study session leaders and coordinated program logistics

Professional **Technology Consultant**, Protiviti Jul. 2019 - Aug. 2021

- Analyzed procurement data for a Workday Supply Chain Management software implementation at a large healthcare company
- Visualized key purchasing, invoicing, and receiving metrics with Microsoft Power BI to inform significant conversion decisions

Awards **Northwestern University**

- Segal Design Cluster Fellowship 2022 - 2023
- Royal E. Cabell Fellowship 2021 - 2022
- Harold Richards Graduate Fellowship 2021 - 2022

Honors **California Polytechnic University**

- President's List 2017 - 2019
- Outstanding Student Award | College of Engineering 2019

Affiliations **Academic & Professional Organizations**

- NU INFORMS Student Chapter, *Board Member* Jul. 2022 - Present
- Science of Networks in Communities (SONIC) Sep. 2021 - Present
- Systems Optimization Club, *Financial Chair* Sep. 2016 - Jun. 2018
- Society of Women Engineers Sep. 2016 - Jun. 2019

Community & Cultural Involvement

- Protiviti Green Team, *National Office Sustainability Lead* Jan. 2020 - Aug. 2021
- Chinese Student Association, *Lion Dance Team* Sep. 2016 - Jun. 2019

Skills Network Analysis · Optimization · Database Management · Data Visualization

Code Python · R · AMPL · Bash · SQL · VBA · Power BI

References **Northwestern University**, Dept. Industrial Engineering and Management Sciences

- Noshir Contractor, Jane S. & William J. White Professor of Behavioral Sciences
nosh@northwestern.edu

California Polytechnic University, Dept. Industrial and Manufacturing Engineering

- Dr. Tali Freed, Professor & Graduate Program Coordinator
tfreed@calpoly.edu

Protiviti, Technology Consulting - Enterprise Application Solutions

- Payal Shah, Managing Director
payal.shah@protiviti.com