

Katrine (Kat) Pospichel

571-442-1117 | kpospichel@gatech.edu | <https://www.linkedin.com/in/katrine-pospichel>

Objective

Industrial and Systems Engineering undergraduate student seeking internship, co-op, or summer employment opportunity in Supply Chain Engineering, Operational Improvements & Effectiveness, and/or Data Analytics & Science.

Education

B.S. Industrial Engineering, Minor: Spanish

Georgia Institute of Technology, Atlanta, GA

Anticipated Graduation Date: 05/2022 | GPA: 4.00/4.00

High School Diploma - Advanced Degree, 06/2018

Riverside High School, Leesburg, VA

GPA: 4.72/4.00 | Class Rank: 7/310 | National AP Scholar

Academic Projects, Research & Professional Experiences

Undergraduate Research Assistant – Health Analytics for Mental Health Services

Milton Stewart School of Industrial and Systems Engineering (ISyE), Georgia Institute of Technology, 08/2019 - Present

- Member of paid academic research team analyzing community-based approaches to improve Behavioral Health Services for underserved youth in Georgia.
 - Review and analyze complex data sets using Python coding and data queries for Medical claims data
 - Evaluate treatment engagement of underserved youth against project goals
 - Assist with geographic information systems (GIS) analysis and modeling in estimation of access to care
 - Ensure adherence to data and health privacy standards and laws

Spanish Language for Business & Technology (LBAT) Program—Barcelona, Madrid, and Granada

Georgia Institute of Technology, 05/2019 – 07/2019

- Study abroad Spanish language immersion program with academic focus on Spain and the EU in the 21st Century and smart cities initiatives to drive enhanced global accountability for sustainability and environmental responsibility
- Employed as a Georgia Tech Serve Learn Sustain Ambassador to learn cross-cultural perspectives on sustainable communities and share experiences with other students

Analysis of Air Quality: North Bay Wildfires of 2017, Geospatial Science (GIS) Dual Enrollment Course

James Madison University, 02/2018 – 06/2018

- Examined and visually displayed air quality data and influencers for the 2017 San Francisco Bay Area wildfires utilizing tools such as ESRI's ArcGIS Online. Resulted in presentation of analysis and findings to professorial panel at James Madison University

Leadership and Student Associations

Institute of Industrial and Systems Engineers (IISE), 01/2019 - Present

Professional Planning Officer, Georgia Tech Chapter

- Communicate with companies, students, and the university to establish on-campus recruiting opportunities
- Organize and manage the Industrial and Systems Engineering Career Fair for the Georgia Institute of Technology
- Collaborate with the Executive Board of IISE to plan and execute social and professional events for Industrial Engineering students

Society of Women Engineers (SWE), 01/2019 – 05/2019

High School Outreach Chair, Georgia Tech Section

- Planned large-scale event to introduce high school aged girls to STEM and inspire future participation and implemented new strategies for outreach based on data received from each event, increased number of attendees by 160% from previous semester
- Coordinated with other section chairs to actively improve the impacts of our SWE section to members and communities

Professional & Student Memberships: Society of Women Engineers (SWE), Institute of Industrial and Systems Engineers (IISE), Student Alumni Association (SAA), GT Global Leadership Living Learning Community (2018-2019)

Skills and Certifications

Certificates: Six Sigma Green Belt Certification, Seal of Spanish Bilingual (Virginia Department of Education)

Programming: Python, VPython, SQL, HTML,

Software: Geographical Information Systems Technology (ArcMap 10 and ESRI's ArcGIS Online), LiDAR, Adobe Photoshop

Language: English (Native), Spanish (Advanced)