Justyna Kaczmarzyk

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EDUCATION

University of Illinois at Chicago (UIC), Chicago, IL   Expected: May 2022
Masters of Science in Computer Science
Cumulative GPA: 4.00/4.00

University of Illinois at Chicago (UIC), Chicago, IL   Jan. 2018 – Dec. 2020
Bachelor of Science in Computer Science
Cumulative GPA: 3.67/4.00

PROFESSIONAL EXPERIENCE

UIC Computer Science Department, Chicago, IL   Aug. 2021 – Present
Teaching Assistant (TA), Mathematical Foundations of Computing
  o Leads weekly discussion sections and holds weekly office hours
Research Assistant (TA), Engineering Makerspace
  o Supervises work in Makerspace and works on personal projects in computer-aided design

Girls Who Code, New York, NY   June 2021 – Aug. 2021
Teaching Assistant (TA), Summer Immersion Program (SIP)
  o Assisted instructor with 3 rounds of a 2-week immersive coding program for high school girls
  o Promoted student engagement and encouraged an interest in computer science

KPMG, Chicago, IL   May - June 2021
Seasonal Advisory Intern, Data, Analytics, & AI (in partnership with Break Through Tech Chicago)
  o Applied natural language processing (NLP) to recognize and obfuscate confidential client data
  o Evaluated resulting classification models with common metrics such as precision, recall, etc.

PROJECTS

Spotify's Platform Effect
Causal Inference, Computer Science Department, UIC   Sep. – Dec. 2021
  o Determined effect of being featured on Spotify's New Music Friday playlist on a track's popularity
  o Employed causal inference tools such as DoWhy and CausalImpact

Machine Learning to Identify Proteins Critical to Down Syndrome in Mice
Intro to Machine Learning, Computer Science Department, UIC   April – May 2020
  o Constructed Random Forest, SVM, AdaBoost, Naïve Bayes, and Gradient Boosting models
  o Determined proteins responsible for mouse learning based on their significance in classification

PROFESSIONAL AFFILIATIONS

Society for Women in Engineering (SWE), UIC, Chicago, IL   Jan. 2018 – Present
General Member
  o Assists with coordinating SWE events (e.g., admissions events and hosting guest speakers)

Women in Computer Science (WiCS), UIC, Chicago, IL   Jan. 2018 – Present
General Member
  o Supports recruitment and retention of women in CS through mentorship and events