Justyna Kaczmarzyk

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EDUCATION

University of Illinois at Chicago (UIC), Chicago, IL — Jan. 2021 – May 2022
Master of Science in Computer Science
Cumulative GPA: 3.89/4.00

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

Girls Who Code, New York, NY — June 2022 – Present
Teacher, Summer Immersion Program (SIP)

- Leads 3 rounds of a 2-week immersive coding program for a group of 50-60 high school students
- Manages a team of 5 teaching assistants
- Conducts daily code review of students' work

UIC Computer Science Department, Chicago, IL — Aug. 2021 – May 2022
Teaching Assistant (TA), Mathematical Foundations of Computing

- Lead weekly discussion sections and held weekly office hours

Research Assistant (TA), Engineering Makerspace

- Supervised work in Makerspace and worked on personal projects in computer-aided design

KPMG, Chicago, IL — May - June 2021
Seasonal Advisory Intern, Data, Analytics, & AI (in partnership with Break Through Tech Chicago)

- Applied natural language processing (NLP) to recognize and obfuscate confidential client data
- Evaluated resulting classification models with common metrics such as precision, recall, etc.
- Employed NLP tools such as spaCy and Watson Natural Language Understanding

PROJECTS

Spotify's Platform Effect
Causal Inference, Computer Science Department, UIC — Sep. – Dec. 2021

- Determined effect of being featured on Spotify's New Music Friday playlist on a track's popularity
- 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

- Constructed Random Forest, SVM, AdaBoost, Naïve Bayes, and Gradient Boosting models
- Determined proteins responsible for mouse learning based on their significance in classification

SKILLS

Languages: Python (4 years), C++ (3 years), Java (3 years), Bash (3 years)

Frameworks: Flask, Hugging Face, Keras, Numpy OpenCV, Pandas, PyTorch, spaCy, Scikit-Learn

Machine Learning: Causal Inference, Deep Learning, Classification, Regression, NLP, Computer Vision

Databases: SQL & DBMS Knowledge (DML/DDL in SQL)

Tools: AWS, Docker, Git, Unix

Web Development: JavaScript (3 years), React.js, CSS, HTML, Flask