Justyna Kaczmarzyk

Chicago, IL 60607

(312) 909-4517 • jkczmrzyk@gmail.com • linkedin.com/in/jkaczmarzyk • jkaczmarzyk.github.io

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