JUSTYNA KACZMARZYK

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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

EXPERIENCE

GIRLS WHO CODE New York, NY (Remote)
Instructor, Summer Immersion Program Jun. 2022 - Present

- Directs 3 rounds of a 2-week immersive, virtual coding program for a group of 60+ high school students.
- Conducts daily review of students' HTML, CSS, and JavaScript code.
- Leads a team of 5 teaching assistants and interfaces with external corporate sponsors.

UNIVERSITY OF ILLINOIS AT CHICAGO (UIC) Chicago, IL
Graduate Teaching Assistant, Computer Science Department Aug. 2021 - May 2022

- Instructed students in a course covering logic, discrete mathematics, and statistics.
- Conducted weekly discussion sections and office hours.

Graduate Research Assistant, Engineering Makerspace

- Supervised student work in the Makerspace fabrication laboratory ensuring safety practices.
- Designed personal projects in computer-aided design for 3D printing and laser cutting.

KPMG Chicago, IL
Seasonal Data, Analytics and AI Intern, Advisory May 2021 – Jun. 2021

- Applied natural language processing (NLP) to recognize and obfuscate confidential client data.
- Evaluated Deep Learning classification models with area under curve (AUC), precision, and recall metrics.
- Employed NLP tools such as spaCy and Watson Natural Language Understanding (NLU).

PROJECTS

Slack Emotion Bot:

- Bootstrapped a Reddit comment dataset with emotion annotations via zero-shot classification (BART).
- Fine-tuned BERT-based models with PyTorch and Hugging Face.
- Built Slack bot that accesses model via Flask API endpoint.

Spotify's Platform Effect:

- Determined effect of track being featured on Spotify's New Music Friday playlist on its popularity.
- Utilized causal inference tools such as the CausalImpact package and Microsoft Research's DoWhy library.

EDUCATION

UNIVERSITY OF ILLINOIS AT CHICAGO (UIC) Chicago, IL
Master of Science in Computer Science Jan. 2021 – May 2022
Cumulative GPA: 3.89/4.00

UNIVERSITY OF ILLINOIS AT CHICAGO (UIC) Chicago, IL
Bachelor of Science in Computer Science Jan. 2018 – Dec. 2020
Cumulative GPA: 3.67/4.00