

# JUSTYNA KACZMARZYK

Chicago, IL 60647 ▪ jkczmrzyk@gmail.com ▪ (312) 909-4517 ▪ linkedin.com/in/jkaczmarzyk

## SKILLS

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

**Tools:** AWS, Docker, Git, Unix

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

## EXPERIENCE

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### PRUDENTIAL

Chicago, IL (Remote)

#### Senior Machine Learning Engineer, Chief Data Office

Mar. 2023 – Present

- Assists in development of software that processes, stores, and serves data and machine learning models.
- Anticipates and prevents issues and roadblocks before they occur.
- Troubleshoots software and processes for data consistency and integrity.

#### Machine Learning Engineer, Chief Data Office

Sep. 2022 – Mar. 2023

- Transformed implementations of ML models developed by data scientists into production-ready software.
- Collaborated with data scientists to prepare data for model development.

### GIRLS WHO CODE

Chicago, IL (Remote)

#### Instructor, Summer Immersion Program

Jun. 2022 – Aug. 2022

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

### UNIVERSITY OF ILLINOIS AT CHICAGO

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.

### UNIVERSITY OF ILLINOIS AT CHICAGO

Chicago, IL

#### Graduate Research Assistant, Engineering Makerspace

Aug. 2021 - May 2022

- 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 (Remote)

#### 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.

## EDUCATION

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### UNIVERSITY OF ILLINOIS AT CHICAGO

Chicago, IL

#### Master of Science in Computer Science

Jan. 2021 – May 2022

Cumulative GPA: 3.89/4.00

### UNIVERSITY OF ILLINOIS AT CHICAGO

Chicago, IL

#### Bachelor of Science in Computer Science

Jan. 2018 – Dec. 2020

Cumulative GPA: 3.67/4.00