

CURRAN FITZGERALD

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I am a full-stack software engineer, relentlessly committed to learning with a genuine enthusiasm for my work. I'm eager to collaborate with skilled developers to create well-designed software.

SKILLS

Programming Languages — Python, Java, HTML, CSS, JavaScript, C, C++, R, Swift, XML

Frameworks and Tools — Spring Boot, Bootstrap, Django, SwiftUI, Apache Maven, Gradle, Tailwind, HTTP, AWS, React.js, MySQL

EDUCATION

Bachelor of Science in Computer Science — Northeastern Illinois University May 2023
3.95 GPA, Summa Cum Laude Honors

WORK EXPERIENCE

Software Engineer (Contract) — DataAnnotation January 2024 - Present

- Collaborate in training popular Large Language Models (LLMs), utilizing frameworks and languages like Python, JavaScript, Django, and Spring Boot.
- Develop diverse problems and solutions for coding chatbots, evaluating AI-generated code for correctness and performance.
- Engage in prompt engineering and adversarial prompt engineering to enhance model robustness.

Web Developer (Contract) — Dreamfinder Designs November 2023 - Present

- Collaborate in an asynchronous environment, translating client visions into functional digital products.
- Apply industry standards and best practices to ensure high-quality deliverables.
- Engage in continuous learning to stay abreast of emerging technologies and methodologies.
- Work independently, using available resources to get unblocked, and complete tasks on schedule by exercising strong judgment and problem-solving skills.

Instructor (Contract) — Varsity Tutors October 2023 - May 2024

- Developed and delivered engaging mathematics and computer science lessons for students at various proficiency levels in personalized tutoring sessions, addressing student questions and concerns, and fostering a supportive learning environment.

Peer Leader — Northeastern Illinois University January 2022 - May 2023

- Led the development of custom frameworks, implemented unit tests, and designed extensible programs for 100+ students, showcasing proficiency in software engineering practices.
- Co-led collaborative learning sessions weekly, effectively communicating complex technical topics, including Object-Oriented design in Java and Python.

Computer Science Tutor — Northeastern Illinois University August 2022 - May 2023

- Mentored 30+ aspiring software engineers on projects within the software development life cycle.
- Translated complex technical concepts into concise, understandable presentations to deepen understanding of industry-standard practices and technologies.
- Conducted informational sessions for both undergraduate and graduate students.

Computer Lab Assistant — Northeastern Illinois University September 2021 - May 2023

- Provided technical assistance, promptly resolving issues with computer lab equipment and software.
- Monitored computer lab usage, ensuring compliance with lab policies for a productive environment.