Luke Ward

(603) 362 - 2783 | wardlukeb@gmail.com | GitHub: DukeBWard | luke-ward.com

OBJECTIVE Seeking a software engineering internship using strong programming skills in Java and Python. Available May 2023 – January 2023

EDUCATION

Rochester Institute of Technology, Rochester, NY   Expected May 2025
Bachelor of Science, Computer Science   **GPA: 3.67/4.00**
Honors & Awards: Dean's List Fall 2020, Dean's List Spring 2021
Related Courses & Experience: Introduction to Software Engineering and Problem Solving I & II, Web and Mobile I, Introduction to Cybersecurity, Analysis of Algorithms, Mechanics of Programming, Computer Science Theory, Scrum/Agile Workflow, Principles of Data-management, Parallel and Distributed Systems

SKILLS

Programming Languages & Frameworks: Java, Java Spring, C, Python, HTML, CSS, TypeScript, Angular, Assembly
Technologies: Azure, Docker, AKS (Kubernetes), Jenkins
Operating Systems: Linux/Unix, MS Windows, Mac OSX

PROFESSIONAL EXPERIENCE

Full Stack Engineer - *Co-op*   June 2022 - August 2022
Fidelity Investments   Merrimack, NH
- Collaborated with small scrum team to develop and maintain an internal facing test data service
- Directly impacted user experience by implementing accessibility features which lead to more interactions by Data Scientists
- Developed in a full stack manner, utilizing technologies such as Angular and Java Spring REST API alongside custom MySQL queries
- Deployed application on Azure Kubernetes (AKS) cluster using Jenkins CI/CD pipeline

Course Assistant   August 2021 – August 2022
Rochester Institute of Technology   Rochester, NY
- Assisted students in Intro to Software Engineering with course work, helped tutor and mentor multiple sections.
- Scheduled meetings to help students with homework and projects.
- Acquired grading skills, improvement in giving constructive feedback and criticism.

Waterfront Director   June 2018 – August 2020
Southern District YMCA (Camp Lincoln)   Kingston, NH
- Supervised multiple Lifeguards, Counselors and Counselors in Training at the waterfront
- Created and maintained a new safety standard that was compliant to new Federal and State legislation due to the COVID-19 pandemic
- Promoted to Waterfront Director based on superior performance as Counselor and Cabin Lead.

PROJECTS

*Discord Bot***,** Personal Project
- Created Discord bot that allowed users to play music, moderate chat, and make changes to the server
- Analyzed and integrated Discord and YouTube open source library in order to implement music feature
- Developed bot in Python using PyCharm IDE

Roommate Tinder, Brickhack 7
- Collaborated with a team of 3 to brainstorm an idea for RIT students to better the roommate finding experience
- Integrated MongoDB and Google Cloud services to store images and requests for users
- Worked front and back end; used Node.js, express.js, HTML, and SCSS

Additional projects on my personal website! (See header)