

Luke Ward

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

EDUCATION

Rochester Institute of Technology, Rochester, NY Expected May 2024 | Available for Full Time: January 2024

Bachelor of Science, Computer Science GPA: **3.67/4.00**

Honors & Awards: Dean's List Multiple Semesters (2020, 2021, 2022, 2023)

Related Courses & Experience: Intro to Software Engineering, Web and Mobile, Intro to Cybersecurity, Analysis of Algorithms, Mechanics of Programming, Computer Science Theory, Scrum/Agile Workflow, Troubleshooting, Principles of software systems, Parallel and Distributed Systems, Cryptography, Data communication and networks, Coding

SKILLS

Programming Languages & Frameworks: Java (including Spring framework), C, C#, Python, HTML5, CSS, JavaScript, TypeScript, Angular, Assembly, Pulumi, React, SQL, MySQL

Technologies: Azure, Docker, AKS (Kubernetes), Jenkins, Grafana, AWS, GitHub, Git, Jira, .NET

Operating Systems: Linux/Unix, Windows, Mac OS X

WORK EXPERIENCE

CORNERSTONE SOFTWARE

August 2023 - Present

Software Engineer - Co-op

Remote (NH)

- Worked on a vendor product that allows for companies to create distributed applications that connect to the HPE NonStop machine
- Upgrade **C** and **C++** code into modern day standards
- Build and package software for Hewlett Packard Enterprise used by **150+** companies

APPLE

May 2023 - August 2023

Software Engineer - Information Security Intern

Sunnyvale, CA

- Built out infrastructure automation using **Pulumi & TypeScript** as part of the Site Reliability Engineering and Cloud Engineering team
- Project that saved internal engineers **24-48 hours of work per request**, delivering to customers up to **10 business days sooner**
- Directly impacted and improved teams day to day functionality with project
- Worked with coworkers and interns from teams in Texas and China
- Utilized **mTLS, Docker, Asynchronous Computing, Grafana** and **Jira**

FIDELITY INVESTMENTS

June 2022 - August 2022

Full Stack Engineer - Co-op

Merrimack, NH

- Collaborated with small scrum team to develop an internal facing test data service
- Directly impacted user experience by implementing accessibility features which lead to more interactions by Data Scientists, decreasing time by **300% or more**
- Developed in a full stack manner, utilizing technologies such as **Angular** and **Java Spring REST API**
- Created custom **MySQL** queries to allow modularity within application, drastically increasing efficiency with Data Scientists
- Deployed application on **Azure Kubernetes (AKS)** cluster using **Jenkins** CI/CD pipeline

ROCHESTER INSTITUTE OF TECHNOLOGY

August 2021 – August 2022

Course Assistant

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
- Oversaw and provided mentorship to over 25 students

PROJECTS

RSA Messenger, Personal Project

- Developed and integrated an implementation of **RSA** in **C#** environment
- Achieved seamless ability to communicate securely with other users with asymmetric public key encryption
- Obtained easy scalability and flexibility, with a **SQL** server that handles user data and message logging