

## **Luke Grady**

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### **OBJECTIVE:**

Seeking a challenging software engineering summer internship that will make use of my experience working on Agile software development teams to create applications using the latest web technologies.

### **EDUCATION:**

Worcester Polytechnic Institute (WPI), Worcester, MA

B.S. in Computer Science concentration in Cybersecurity, Minor in Financial Technology

Expected graduation in May 2025

### **SKILLS:**

Java, C++, C, PostgreSQL, MongoDB, JavaFX, Python, HTML, CSS, JavaScript, TypeScript, IntelliJ IDE, Figma, GitHub, Gradle, TravisCI, Jira

### **RELEVANT COURSEWORK:**

#### **CS3733 Software Engineering in collaboration with Brigham & Women's Hospital**

The course had teams create software systems, while applying Agile development methodologies, that were to inform hospital representatives about potential features, user interfaces, or design approaches that they might consider implementing. The technology stack consisted of Java, JavaFX, MaterialFX Material Design, AWS RDS, PostgreSQL, and Hibernate.

- As a software engineer, I helped gather software requirements by creating surveys, planning interviews, participating in brainstorming sessions, creating user stories, scenarios and storyboards.
- I was responsible for creating the Map Editor and Pathfinding along with other front-end components.

### **WORK EXPERIENCE:**

#### **Lifeguard, Massachusetts Department of Conservation and Recreation - Summers 2021 and 2022**

- Demonstrated strong teamwork skills and collaborated effectively with colleagues in order to maintain public safety
- Administered first aid and CPR, rescued swimmers in distress or danger, as needed

#### **Logistics and Provisioning Support, Crest Technologies, June 2020 – March 2021**

- Administration of electronic shipping database systems
- Accountability for accuracy

#### **Volunteer, Town of Sterling Recreation Department, December 2019 - Present**

- Demonstrate a strong commitment to community service, providing critical support for a variety of recreational programs

### **ACTIVITIES:**

American Red Cross, Certified Lifeguard  
Certified in CPR and First Aid

#### **WPI Varsity Football, August 2021 - Present**

- Defensive Back - Positional Leader