Loren DiLoreto

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EDUCATION

Worcester Polytechnic Institute (Cumulative GPA: 3.54) August 2019 - May 2023
Bachelor of Science in Computer Science Worcester, MA
- Relevant Coursework: **Software Engineering, Algorithms, Operating Systems**

WORK EXPERIENCE

Epsilon June 2022 - August 2022
Software Engineering Intern Boston, MA
- Developed tools for analyzing the status of cloud big data partitions **using Python**
- Designed cloud infrastructure for storing and securely accessing big data in **Azure**
- Created thorough documentation and testing for software applications using **Markdown** and **pytest**

Left Coast Engineering June 2020 - August 2020
Software Engineering Intern Escondido, CA
- Updated firmware of wireless devices **using C++** to distinguish faulty units from functional ones
- Added functionality to manufacturer testing that identifies faulty devices before shipping to the customer **using C#**

SKILLS

Languages: Java, C, C++, Python, Javascript, HTML, CSS, WebGL, JavaFX, R
Technologies: Amazon AWS, IntelliJ IDE, Eclipse IDE, Git, Gradle, Microsoft Office
Certifications: AWS Certified Cloud Practitioner

PROJECTS

Goatconnect
Developed a social media app connecting current and former WPI student athletes for professional networking, job applications, alumni recruitment purposes, and coach facilitation.
- Built a backend featuring a **NextJS** server, **PostgreSQL** database and **S3** file storage.
- Crafted a multi-page frontend using **React**, **Typescript**, **AntDesign** and **CSS**.

CS3733 Software Engineering in collaboration with Brigham & Women's Hospital
Ten-person student teams competed in a class to create an indoor pathfinding application, map builder, COVID-screening survey, and service request modules for Brigham & Women's Hospital using Java.
- As a **software engineer**, I developed map editing software for hospital staff, as well as a help bot for first time users.
- As a **product owner**, I maintained the **product backlog** and **sprint backlog**. I also coordinated the team's sizing and prioritizing of **user stories**.