

Loren DiLoreto

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WORK EXPERIENCE

Epsilon

January 2024 - Current

Associate Software Engineer

Boston, MA

- Created internal library for securely performing redundant tasks, increasing developer efficiency **by a factor of 30**
- Developed efficient process for creating pivot table given an **800+ billion record** fact table
- Built a GenAI chatbot to create documentation, debug code, and answer questions about internal codebases

Epsilon

June 2022 - August 2022

Software Engineer Intern

Boston, MA

- Developed tools for analyzing the status of data partitions **using Python**, increasing developer efficiency by over **250%**
- Designed cloud infrastructure for storing and securely accessing big data in **Azure**

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#**

PROJECTS

Aladdin

Created mobile ordering app with backend order processing and account management system for small restaurant chain

- Developed **highly consistent & scalable** ordering system - costing **99.5%** less than existing services
- Released [mobile app](#) displaying menu items, facilitating order placement, and showing order status
- Produced in-house **iPadOS** app for displaying and managing orders received from customers with minimal latency

Goatconnect

Developed 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**.

SKILLS

Languages: Python, Typescript, Ansible, C, C++, React/React Native, Java, Swift

Technologies: Amazon AWS, Microsoft Azure, Terraform, Jenkins, Docker, Git, Expo

Certifications: AWS Certified Cloud Practitioner

EDUCATION

Boston College (Cumulative GPA: 3.78)

August 2023 - December 2023

Graduate Certificate in Executive Leadership & Organizational Development

Newton, MA

Worcester Polytechnic Institute (Cumulative GPA: 3.54)

August 2019 - May 2023

Bachelor of Science in Computer Science

Worcester, MA