Laurent Man

Undergraduate computer science major interested in furthering the abilities necessary for responsive web applications that satisfy the end user's requirements

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EXPERIENCE

Bioprober, 1975 112th Ave NE STE 101, Bellevue, WA, 98004— *SWE Intern*

May 2021 - August 2021

Created and maintained an inventory management application for Printed Circuit Board (PCB) components. Automated the majority of manual database entry work and cataloged existing physical inventory, thereby lessening waste.

Bond Intelligence INC, UW COMOTION LABS— *SWE Intern*

October 2019 - May 2021

Designed and deployed a web application named OpenExchange to display info regarding municipal bonds through Power BI reports. Maintained AzureSQL database to hold data for PowerBI reports. Managed the company's Github organization to streamline workflow among a team of interns.

EDUCATION

University of Massachusetts, Amherst, MA

September 2020 - Present

BS in Computer Science | Diploma expected 2024 (GPA: 3.92)

Interlake High School, Bellevue, WA

August 2016- June 2020

High School Diploma 2020 (GPA: 3.92)

PROJECTS

PCB Inventory Management - Python Application

- Used PyQt5+Scrapy to create robust UI and multi-process web scraping
- Trained a Google Tesseract OCR model to read labels from packages
- Aggregated data across APIs and websites to formulate a record with relevant part information for insertion into an Access Database

OpenExchange - Node.js Web Application

- Wrote Node.js backend and HTML pages that displayed metrics to aid investor decisions regarding municipal bonds
- Displayed informative reports for more than 10,000 municipalities using Power BI API and Azure SQL

SKILLS

Team Leadership - Led a team of interns to hit objectives efficiently and hit deadlines

Thorough and patient communicator - Tutored students of a variety of ages in BayCodingClub and gave presentations on internship project progress and concepts

Flexible coder - Open to receiving feedback in team environments and using/recommending new technologies to use in projects

AWARDS

UMASS Hackathon Best AWS Project - 2021

Dubhack Hackathon Participant - 2020

Chancellor's Award Scholarship - 2020

IB Diploma - 2019

1st Place S4 Rocketry Competition - 2016

LANGUAGES

Proficient - Python, C++, Git
Familiar - Java, Javascript, C#, NodeJS, SQL, Unix