

Leo Carten

Computer Science Student - Class of 2024

Given the rapid evolution of technology, I pride myself with the eagerness and willingness to learn and adapt to new tools, frameworks, and technologies. Staying current in this field is essential in order to remain relevant.

WORK EXPERIENCE

UX Design Internship

May 2023 – August 2023

Hubbell, Somersworth, NH

- Currently working with the Configurations team to develop a Customer Facing Product Portal for an IPC configurator
 - This Portal will act as a Hub for non-internal users who request information about Aclara ANSI Meters
- Currently working with the Requisition Engineering team to automate Label Printing
 - Use APIs to pass data from PLM software into BarTender Software to streamline the process and reduce touch time
- Support data migrations, data validation, and data accuracy

Computer Science Tutor & Lab Assistant

Jan 2023 – May 2023

Plymouth State University, Plymouth, NH

- Provide comprehensive tutoring and support to students in Python, Java, C, algorithms, and data structures
- Demonstrate strong leadership and communication abilities by effectively explaining complex concepts and guiding students towards improved understanding and problem-solving capabilities
- Offer feedback to instructors by reviewing assignments

Freelance Developer

Mar 2022 – Sept 2022

Remote

- Developed web applications using JavaScript, implementing frontend user design skills, and wrote API integration scripts for bot automations using Python
- Followed an efficient development workflow by actively listening to team requirements, creating wireframes, and delivering solutions that met project needs while expanding my skills in hosting and publishing repositories on GitHub, while also gaining proficiency in AWS services and API utilization

EDUCATION

Bachelors of Science in Computer Science with Mathematics Minor

Aug 2019 – May 2024 [Current]

Plymouth State University

- Currently maintaining a 3.87 GPA
- Awarded the **Charles E. Brown scholarship** at Plymouth State in recognition of outstanding academic achievements - this award was granted to be on behalf of the Computer Science and Technology Staff at Plymouth State University

CONTACT

• lmc1076@plymouth.edu
• linkedin.com/in/leo-carten-925535195
• <https://leocarten.dev/about/>

SKILLSET

Hard Skills:

- Full Stack Development
- Server Deployments [CI/CD]
- Mobile Application Development
- Git
- SQL
- TailWind + BootStrap
- Python
- Java
- C / C++
- Data Structures and Algorithms
- Software Architecture

Soft Skills:

- Communication
- Creative problem solving
- Analytical thinking
- Teamwork & Collaboration
- Attention to detail
- Leadership

Environments and Tools:

- PyCharm
- IntelliJ IDEA
- Visual Studio
- Atom

PERSONAL PROJECTS

- Built a programming competition using PHP and MariaDB, of which you can visit here: <https://turing.plymouth.edu/~lmc1076/>
- I built a **Chess playing robot** in Python using Arduinos and Raspberry Pi, ask me about it!

OTHER

- Awarded the Charles E. Brown scholarship at Plymouth State in recognition of outstanding academic achievements
- Participation in Advent Of Code