

# 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 Intern May 2023 - August 2023

Aclara Technologies, Somersworth, NH

- Worked closely with the Requisition Engineering team to develop a Desktop App to streamline workflow processes
  - Written in mostly Python, the interface is built using customtkinter and interacts with various softwares and databases
  - The App was very successful and significantly reduced touchtime
- Performed data validation and data cleaning using Python in conjunction with SQL

#### Computer Science Tutor 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 understandings

#### Freelance Developer Mar 2022 – Sept 2022

Remote

- Developed web applications using JavaScript and wrote API integration scripts for bot automations using Python
- Developed solutions aligned with project needs by listening to team requirements, creating wireframes, and leveraging GitHub for repository hosting. Expanded skills in AWS services and API utilization throughout the process.

### AWARDS & ACCOMPLISHMENTS

#### Charles E. Brown Scholarship Jan 2023 – May 2023

- This award was granted to me on behalf of the Computer Science and Technology Staff at Plymouth State University and is awarded to a student who best demonstrates academic success

### CONTACT

- lmc1076@plymouth.edu
- [www.linkedin.com/in/leo-carten-925535195](https://www.linkedin.com/in/leo-carten-925535195)
- <https://leocarten.github.io/About/Leo/Carten.html>

### SKILLS

#### Hard Skills

- Python
- Java
- C / C++ / C#
- Software Development Lifecycle
- SQL
- Software Architecture
- JavaScript / CSS
- Operating Systems

#### Soft Skills

- Communication and Collaboration
- Creative Problem Solving
- Attention to Detail
- Leadership

### EDUCATION

#### Plymouth State University

Bachelor of Science

Major in Computer Science

Minor in Mathematics

3.87 GPA

Made Presidents List all 3 years

### PERSONAL PROJECTS

- Reading Introduction to Machine Learning with Python and writing Machine Learning Algorithms
- Reading Crafting Interpreters to better understand language optimization and built my own simple programming language
- Created a personalized Blockchain explorer that returns special data from APIs to track users who bypass paying royalties
- Scripted Discord bots using Python to display Market Data of specific assets

### OTHER

- Participated in Advent Of Code using combinations of Python, Java, and R
- Active member in official Python discord with 250,000+ members