

Leo Carten

Computer Science Major & Math Minor 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 a 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 – Current

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

CONTACT

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

SKILLS

Hard Skills

- Python
- Git
- Java
- C / C++ / C#
- Software Development Lifecycle
- SQL and Database Design
- Software Architecture
- JavaScript / CSS / Web Servers
- Operating Systems

Soft Skills

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

EDUCATION

Plymouth State University Class of 2024

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

University and is awarded to a student who best demonstrates academic success.

