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

UI/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
- https://www.linkedin.com/in/leo-carten-925535195/
- https://leocarten.dev/about/

SKILLS

Hard Skills
- Full Stack Development
- Server Deployments [CI/CD]
- Mobile Application Development
- React Native
- REST APIs
- Git
- SQL
- TailWind + BootStrap
- UI/UX Design
- Python
- Java
- C/C++
- Data Structures and Algorithms
- Linux OS

Soft Skills
- Communication
- Creative problem solving
- Attention to detail
- Leadership

EDUCATION

Plymouth State University Class of 2024
Bachelor of Science
Major in Computer Science
Minor in Mathematics

3.81 GPA
Member of Ethical Hacking Club

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!
- I am currently working on a mobile application - it is going to be a social application. It will be written in React Native and will use a postgreSQL database and REST API.

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