

Objective

I am a recent Computer Science graduate with experience building web applications, desktop applications, and machine learning models. I am seeking a position as a software/web developer or machine learning engineer. I want to work with any company where I can learn new skills, stay up to date with the latest technology, and grow as an engineer/developer.

Education

Bachelor of Science in Computer Science - Data Science & Software Engineering Dec. 2020
California State University - Monterey Bay
Dual Concentration & Dean's List

Associate of Arts in Economics Dec. 2019
Monterey Peninsula College
Dean's Highest Honors

Work Experience

Contributor to STOQS Project - MBARI Fall. 2020
Capstone - CSU Monterey Bay

- Made steps towards converting Bathymetric data of the Monterey Bay to the latest 3D rendering format on the open source STOQS project.

STEM CELL Instructor Spring. 2018
Monterey Peninsula College

- Worked in a tutoring capacity to help students at Monterey Peninsula College with STEM courses. In particular, math, computer science, and physics.

Relevant Coursework

Advanced Machine Learning - CSU Monterey Bay

- Learned how to build and train neural networks, convolutional networks, recurrent neural networks, etc. Developed an understanding of gradient descent and relevant linear algebra. Used advanced methods to optimize ML models. Built models to solve classification and regression problems using numeric, text, and image data.

Calculus of Several Variables - Monterey Peninsula College

- Mastered the ideas from calculus that Machine Learning is built on. Worked with gradients and functions in multi-dimensional spaces. Mastered vector operations and functions.

Internet Programming

- Built full stack web applications using HTML, Node.js, CSS, SQL, JavaScript, etc. Used EJS templating to make reusable, simple, and dynamic web pages. Designed database schemas and used them for data storage and retrieval.

Projects and Portfolio

My Personal Website - www.seantowne.com
Serves as my online resume and portfolio.

GitHub - <https://github.com/townesean>
Where my projects live

Skills

- Python
- Java
- JavaScript
- C/C++
- Machine Learning
- Software Development
- Web Development
- Bash/Linux