Owen Clary

Software Developer

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[LinkedIn](#) | [Github](#) | [Portfolio](#)

SKILLS

Computer Programming (Five years)
Data Science
Machine Learning
Software Development Life Cycle (Five years)
Languages/Modules | Python, React Native, Sklearn, Tensorflow, Keras, Matplotlib, Pandas, Numpy, Flask, SQLAlchemy, WTForms, JavaScript, NodeJS, HTML/CSS, PostgreSQL
Database & Industry Tools | PostgreSQL, Git, GitHub, Command Line

EDUCATION AND TRAINING

Le Wagon | Lehi, UT   **April 2024 - June 2024**
Data Science / AI Student - 9-week program

Devmountain, Lehi, UT   **November 2023 - March 2024**
Software Engineering Student - 16-week, software engineering program

Lake Washington Institute of Technology, Kirkland, WA   **March 2023 - June 2023**
Classes in Game Development

Western Washington University, Bellingham, WA   **September 2022 - March 2023**
Classes in Computer Science

PROFESSIONAL EXPERIENCE

Le Wagon | Lehi, UT   **April 2024 - June 2024**
Data Science / AI Engineer (student)

DevMountain Student Developers | Lehi, UT   **November 2023 - March 2024**
Python Developer / Full Stack Engineer (student)

X-Ray Bone Fracture Artificial Intelligence - [Website](#) | [Github Repo](#)

Python | Sklearn | Tensorflow | Keras | Matplotlib | Pandas | Numpy | Shapley | Streamlit

Developed a website where doctors can upload images of X-rays and the website will determine the type and location of bone fractures.

- Collaborated in a group of five students using GitHub
- Developed a machine learning model that identifies bone fractures with 93% accuracy
- Used over ten thousand labeled X-ray images, split into 70% train and 30% test categories, for model training with data augmentation and preprocessing
- Used Streamlit to create an intuitive and clean frontend

Trail Twin (Website and IOS Versions) - [Github Repo](#) | [Demo](#)

Python | React Native | Flask | SQLAlchemy | Google Maps API | Cloudinary API | JavaScript | CSS | Bootstrap

Developed a social media website and app using React Native, Python, Flask, and WTForms to help people find friends for outdoor activities.

- Implemented a feature to search for people within a radius near the user with similar outdoor hobbies using the Google Maps API to geocode addresses
- Added a feature to upload and view profile photos using the Cloudinary API
- Used SQLAlchemy to create a system for sending and accepting friend requests, along with removing friends

Chillgenda - [Github Repo](#) | [Demo](#) | [Hosted Site](#)

JavaScript | NodeJS | Express | PostgreSQL | CSS |

Developed a to-do list site using JavaScript, SQL, and Node to provide the creation of tasks/routines that refresh in cycles of days, weeks, months, and years.

- Provided user credentials authentication using SQL to store user login info and tasks in a database
- Styled the site with CSS to provide a clean and simple UI

Ski Tuner   **December 2021 - May 2022**
Edge and Spoke, Redmond, WA
Worked with one other employee to tune all the skis and boards during the 2022 ski season for Edge and Spoke.

- Spent a month helping remodel the interior ski tuning building to create a more efficient work space for the company's future
- Used tech like Wintersteiger machines for tuning skis and boards, and cashiering applications for customer purchases
- Kept data on the over thirty uncompleted and completed work orders for skis per day

Sales Associate   **September 2021 – December 2021**
Eastside Ski and Sport, Woodinville, WA
Worked with customers of all ages to identify the optimal sizes of ski gear for rentals, assisting twenty to thirty families per day.

- Worked with customers to figure out the right brand and type of ski gear they wanted to purchase for their goals, sold around twenty products a day
- When not working with customers, I spent the rest of my time working with the manager to make sure the store was cleaned and restocked

Courtesy Clerk   **June 2021 - September 2021**
Haggens, Woodinville, WA
Worked with managers to keep the store constantly restocked and ensured shopping carts were retrieved from the parking lots, handling fifty to a hundred carts per day.

- When not cleaning store and retrieving carts, I would make friendly conversation with customers while bagging their groceries correctly to provide a pleasant shopping experience