

EVAN LEONG

[925-786-1853](tel:925-786-1853) | evleong1@gmail.com | [linkedin.com/in/evanleong](https://www.linkedin.com/in/evanleong) | evanleong.vercel.app

EDUCATION

University of California, Irvine | Irvine, CA

September 2022 - June 2024

Computer Science, B.S. - Specialization in Information | GPA: 3.84

Diablo Valley College | Pleasant Hill, CA

August 2020 - May 2022

Computer Science, A.S. | GPA: 3.95

TECHNICAL SKILLS

Programming Languages: C++, C#, C, Python, Java, JavaScript, TypeScript, HTML & CSS, CSS3, SQL, R, Swift, SQL

Libraries & Frameworks: React, React Native, Next.js, Node.js, Angular, .NET, PyTorch, TensorFlow

Tools & Platforms: Visual Studio (Code), Linux (Ubuntu), Eclipse, Git, SQL Server, MongoDB, Neo4j, PostgreSQL, Heroku, Vercel

Concepts: Data Structures, Algorithms, Database Management, Object Oriented Design, System Design, UI/UX, Requirements

PERSONAL SKILLS

Teamwork, Problem Solving, Communication, Collaboration, Attention to Detail, Perseverance, Adaptability

EXPERIENCE

Associate Systems Developer

October 2023 – August 2024

First American

Santa Ana, CA

- Developed a user facing report archive system with **TypeScript** frontend utilizing **jQuery**, connected to a **C#** and **MS SQL Server** backend as a **full stack** engineer
- Focused on creating an adaptive, responsive, and highly accessible user interface using **Kendo UI**
- Created visual map report using **Google Maps Geocoding API** and **GeoServer** by joining SQL Server data to geospatial data

Student Machine Learning Intern

January 2024 – June 2024

Children's Hospital of Orange County

Orange, CA

- Contributed to AI medical research by predicting if blunt trauma patients require medical intervention
- Implemented various machine learning models such as kNN, Neural Network, and Random Forest using **PyTorch**

Software Engineering Intern

June 2023 – August 2023

First American

Santa Ana, CA

- Contributed to a custom data analytics tool using the **.NET** framework, **C#**, **LINQ**, and **MS SQL Server** as a **backend** engineer
- Generated reports for international teams using complex **SQL** queries through **Hue** and **Apache Impala**

PROJECTS

- **ACraffle – Automated Chat Bot** | Python, MongoDB, Discord.py API, Heroku Cloud Hosting
 - Created **Python** coded [Discord Bot](#) (discord.py) that uses a **MongoDB** (PyMongo) backend to store user data, used in 1,500 servers worldwide
 - Increased usability by implementing **user feedback**, **bug fixes**, **accessibility**, and **improved response time**
- **FabFlix – Full Stack Web App** | AWS, Tomcat, MySQL, HTML & CSS, Java, JMeter
 - Developed movie database application using a **Java** servlet backend, hosted on an **AWS instance**
 - Scaled the site through use of Kubernetes and thoroughly tested using **JMeter**
- **ProsperSearch – Search Engine** | Python, Flask, OpenAI API
 - Created a [custom Python search engine](#) with AI capabilities (**OpenAI API**) and web GUI using **Flask**
 - Implemented tf-idf scoring, fast query time (under 150 ms), search engine optimization, and AI summary generation
- **Dizzy Diary – Mobile Application** | React Native, TypeScript, Firebase
 - Developed a full stack **IOS app** that allows users to leave reviews on theme park rides based on user motion sickness
 - Created using **React Native** and **TypeScript** with a **Firebase** backend to handle the database and user authentication