EVAN LEONG

925-786-1853 | evleong1@gmail.com | linkedin.com/in/evanrleong | evanleong.vercel.app

EDUCATION

University of California, Irvine | Irvine, CA   June 2024
Computer Science, B.S. - Specialization in Information | GPA: 3.84

Diablo Valley College | Pleasant Hill, CA   May 2022
Computer Science, A.S. | GPA: 3.95

TECHNICAL SKILLS

Programming Languages: C++, C#, C, Python, Java, JavaScript, TypeScript, HTML & CSS, SQL, R
Libraries & Frameworks: React, Next.js, Node.js, React Native, Angular, .NET, OpenAI, Heroku, Vercel
Tools & Platforms: Visual Studio (Code), Linux (Ubuntu), Eclipse, Unity, Git, GitLab, SQL Server, MongoDB, Neo4j, Postgres
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 – Present
First American   Santa Ana, CA
- Developed a user facing report archive system with **TypeScript** frontend utilizing **jQuery** and **Kendo UI**, connected to a **C#** and **MS SQL Server** backend as a **full stack** engineer
- Created visual map report using **Google Maps Geocoding API** and **GeoServer** by joining SQL Server data to geospatial data

Software Engineering Intern   June 2023 – August 2023
First American   Santa Ana, CA
- Contributed to a custom-built data analytics tool using the **.NET** framework, **C#, LINQ**, and **MS SQL Server** as a **backend** engineer
- Generated reports for international teams using **SQL** through **Hue** and **Apache Impala**

Software Engineering Intern   May 2022 – August 2022
21st Century Sounds   Pleasant Hill, CA
- Contributed to **frontend** development for a website using **Node.js/ JavaScript**
- Conducted requirements gathering through client outreach and **MongoDB** database to store client information

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 useability by implementing **user feedback**, **bug fixes**, **accessibility**, and **improved response time**
- **Lard Chat – Live Chat Application** | *Node.js, React, HTML & Tailwind CSS, Firebase, Vercel*
  - Developed a full stack web application with **user authentication** and **datastore** handled with **Firebase**
- **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
- **Customer Manager - UI** | *Java, Java Swing, Object Oriented Design*
  - Developed a GUI created with **Java** Swing package (JFrame) and object-oriented designed backend to store customer data
- **Custom Shell** | *C, Operating Systems*
  - Created a custom shell from scratch using **C**, implementing commands (cd, jobs, kill), also handling local executables in the foreground and background