

Evan Leong

evleong1@gmail.com | (925) 786 1853 | Irvine, CA 92617
<https://www.linkedin.com/in/evanrleong> | <https://evanleong.vercel.app/>

EDUCATION

University of California, Irvine
B.S. in Computer Science
GPA: 3.82

June 2024

Diablo Valley College
A.S. in Computer Science
GPA: 3.95

May 2022

TECHNICAL SKILLS

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

Concepts: Data Structures, Algorithms, Database Management, Statistics for CS, Software Testing, System Design

Tools and Platforms: Visual Studio, Unity, Git, Heroku, .NET, Microsoft SQL Server, MongoDB, Neo4j, PySpark

EXPERIENCE

First American - Data and Analytics

Data and Software Engineering Intern | Santa Ana, CA

June 2023 - August 2023

- Implemented a full stack system that pushes manually generated reports to an internal data analytics tool, using the .NET framework, C#, JQuery, Kendo UI, and Microsoft SQL Server Management Studio
- Generated reports for international teams using SQL through Hue and Apache Impala exposing excessive research costs helping cut costs by about 5% per vendor
- Successfully created internal tools to improve data analysis efficiency and accuracy

21st Century Sounds

Software Engineering Intern - Database | Pleasant Hill, CA

May 2022 - August 2022

- Performed requirements analysis to learn about client needs
- Worked on frontend development for a website using React framework
- Developed a client database to allow for efficient storing and analysis of events and client information using MySQL

BrickSpace

Coding Instructor and Program Development | Benicia, CA

January 2021 - August 2022

- Taught coding to hundreds of elementary, middle, and high school students
- Interacted with diverse individuals in team and leadership roles, enhancing communication and interpersonal skills
- Developed curriculum in collaboration with credentialed teachers to introduce computer science and problem-solving skills

PROJECTS

ACRaffle - Automated Chat Bot

June 2021 - Present

- Programmed in Python, utilizes the Discord API, and is linked with the MongoDB database to store user data, hosted using Heroku Cloud Hosting with Git for version control, now used in over 1,500 servers worldwide
- Developed user-friendly commands for efficient database modification as well as improved efficiency by implementing advanced database searching algorithms

ProsperSearch - Search Engine

April 2023 - June 2023

- Successfully implemented a custom search engine with AI capabilities, utilizing the OpenAI API for generating summaries of relevant links based on user queries, ranking relevant links with tf-idf scoring
- Engineered the system to handle large volumes of data (tens of thousands of documents or web pages) while meeting strict operational constraints
- Created a web GUI using Flask, HTML & CSS, and Python which enhanced user experience
- Achieved exceptional under 150 ms query response time, ensuring fast and efficient retrieval of search results