Evan Leong

evleong1@gmail.com | (925) 786 1853 | Irvine, CA 92617
https://www.linkedin.com/in/evanrleong | https://evleong1.github.io/Website

EDUCATION

University of California, Irvine   *June 2024*
B.S. in Computer Science
GPA: 3.82

Diablo Valley College   *May 2022*
A.S. in Computer Science
GPA: 3.95

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: Git, Heroku, Unity, VS Code, Visual Studio, Azure DevOps, MongoDB Atlas, .NET, Microsoft SQL Server, MongoDB, Neo4j, Databricks/PySpark

EXPERIENCE

First American - Data and Analytics

Data and Software Engineering Intern | Santa Ana, CA   *June 2023 - Present*
- 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
- 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