EVAN LEONG

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EDUCATION

University of California, Irvine | Irvine, CA

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

Diablo Valley College | Pleasant Hill, CA

Computer Science, A.S. | GPA: 3.95

May 2022

June 2024

TECHNICAL SKILLS

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

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

Tools and Frameworks: Visual Studio, Unity, Git, Heroku, .NET, React, Node.js, Microsoft SQL Server, MongoDB, Neo4j, PySpark

WORK EXPERIENCE

Associate Systems Developer

Santa Ana, CA

First American

October 2023 - Present

- Continuing work on previously implemented full stack system with focus on creating a user friendly system that allows employees to access reports in one central location
- Working primarily with C#, .NET, and MS SQL Server

Software Engineering Intern

Santa Ana, CA

First American

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#, and Microsoft SQL Server Management Studio
- Generated reports for international teams using SQL through Hue and Apache Impala exposing excessive research costs helping cut expenses

Software Engineering Intern

Pleasant Hill, CA

21st Century Sounds

May 2022 - August 2022

- Worked on frontend development for a website using React framework
- Developed a database for efficient storing, retrieval, and analysis of events and client information

Programming Instructor and Curriculum Development

Benicia, CA

BrickSpace

January 2021 – August 2022

• Enhanced communication and interpersonal skills while developing curriculum in collaboration with credentialed teachers to introduce computer science and problem-solving concepts to hundreds of students of all ages

PROJECTS

ACraffle - Automated Chat Bot | Python, MongoDB, Discord API, Heroku Cloud Hosting

- Developed user-friendly commands as well as improved efficiency by speeding up data retrieval from database
- Now used in over 1,500 Discord servers worldwide

Lard Chat - Live Chat Application | React, HTML & Tailwind CSS, Firebase, Vercel

- Full stack web application that allows users to create an account, add friends, and send messages in real time
- User authentication and datastore handled with Firebase

ProsperSearch - Search Engine | Python, Flask, OpenAI API

- 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, and achieving under 150 ms query response time
- Created web GUI using Flask which enhanced user experience

Portfolio Website | Next.js, TypeScript, HTML & Tailwind CSS, Vercel

- Designed and implemented a portfolio website that showcases projects and experiences
- Advanced features such as contact form and animations implemented with packages such as React Email and Framer Motion