EVAN LEONG

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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

WORK EXPERIENCE

Associate Systems Developer – First American   October 2023 – Present
Santa Ana, CA
- Worked as a full stack engineer, contributing to an archive system with an intuitive JavaScript frontend using the jQuery and Kendo UI libraries connecting to a C# and MS SQL Server backend
- Streamlined the reporting system by consolidating scattered email information, making it easily accessible from a central location

Software Engineering Intern – First American   June 2023 – August 2023
Santa Ana, CA
- Worked as a backend engineer to help create a custom-built 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

Software Engineering Intern – 21st Century Sounds   May 2022 – August 2022
Pleasant Hill, CA
- Worked on frontend development for a website using Node.js/ JavaScript and created MongoDB database to store client info

Coding Educator and Program Development – BrickSpace   January 2021 – August 2022
Benicia, CA
- Enhanced communication skills while developing curriculum in collaboration with credentialed teachers to introduce computer science (Python) and problem-solving concepts to hundreds of students of all ages

PERSONAL EXPERIENCE & PROJECTS

- **ACraffle – Automated Chat Bot** | *Python, MongoDB, Discord.py API, Heroku Cloud Hosting*
  - Python coded Discord Bot that uses a MongoDB backend to store user data, used in 1,500 servers worldwide
- **Lard Chat – Live Chat Application** | *Node.js, React, HTML & Tailwind CSS, Firebase, Vercel*
  - Full stack web application with user authentication and datastore handled with Firebase
- **ProsperSearch – Search Engine** | *Python, Flask, OpenAI API*
  - Custom search engine with AI capabilities (OpenAI API), ranking relevant links with tf-idf scoring, and achieving under 150 ms query response time (search engine optimization), also created frontend web GUI using Flask
- **Customer Manager** | *Java, Java Swing, Object Oriented Design*
  - Frontend GUI created with Java Swing package (JFrame) and object oriented designed backend
- **Custom Shell** | *C, Operating Systems*
  - Built custom shell from scratch using C, implementing commands (cd, jobs, kill), also handling local executables in the foreground and background
- **Graph Coloring Program** | *C++*
  - Uses graph coloring to represent register allocation using the Welsh-Powell algorithm while using an adjacency list to create the graph interface