

# 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, CSS3, SQL, R, Swift, SQL

**Libraries & Frameworks:** React, React Native, Next.js, Node.js, Angular, .NET

**Tools & Platforms:** Visual Studio (Code), Linux (Ubuntu), Eclipse, Git, SQL Server, MongoDB, Neo4j, PostgreSQL, Heroku, Vercel

**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**, connected to a **C#** and **MS SQL Server** backend as a **full stack** engineer
- Focused on creating an adaptive, responsive, and highly accessible user interface using **Kendo UI**
- 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 complex **SQL** queries through **Hue** and **Apache Impala**

### Software Engineering Intern

May 2022 – August 2022

21<sup>st</sup> 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 usability 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
- Dizzy Diary – Mobile Application** | *React Native, TypeScript, Firebase*
  - Developed a full stack **IOS app** that allows users to leave reviews on theme park rides based on motion sickness levels
  - Created using **React Native** and **TypeScript** with a **Firebase** backend to handle the database and user authentication
  - Implemented Firebase caching to save money by limiting average document reads per user