Evan Yu
Computer Science Student

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Grand Rapids, MI

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Link
https://www.linkedin.com/in/evana
yu/

Skills

Fluent in Java, Javascript, Python

Comfortable with C, C++, C#

Comfortable with HTML and CSS

Github, Docker, and Jira

Teamwork & Cooperation

Verbal and Nonverbal communication

Problem Solving

Project Management

Languages

English
Native

Spanish
Intermediate

Relevant Experience

▪ Software Engineer Intern
Mesa Enterprises   *Remote*

Jan 2024 - Present

- Developed frontend design using Bulma (SCSS), VueJS, and PHP
- Worked to modernize and build of existing legacy code
- Worked in developer containers using Docker and DBeaver for database
- Manage user classes and permissions to ensure that they are displayed the correct information on the dashboard

▪ Capstone Project
Companion AI   *Grand Rapids, MI*

Jan 2024 - Apr 2024

- Full stack development with NextJS, Firebase, Tailwind, and Pinecone Vector Database
- Worked extensively with OpenAI, Pinecone Vector Database, and Firebase API
- Created a personable chatbot that uses Retrieval Augmented Generation (RAG) to provide relevant context before responding
- Created vocal input and output functionality using OpenAI Whisper and text-to-speech
- Collaboratively developed with Github and agile workflow to track progress

▪ Class/Personal Projects
Grand Valley State University

2019 - Present

- Connect 4 Engine (System-level programming) - Javascript, Ruby, C#, and C
- Pacman CTF (Applied AI and Machine Learning) - Python
- 2-D Puzzle Game (Intro to Software Engineering) - C++
- Head Soccer (Personal) - P5 Javascript with physics and collision

▪ Relevant Classwork
Grand Valley State University

Sep 2020 - Present

- Data Structures and Algorithms
- Structure of Programming Languages
- Computer Organization and Assembly
- Data Communications
- Applied AI and Machine Learning
- Cryptography and Privacy
- System-level Programming and Utilities
- Professional Responsibilities in Computer Science
- Introduction to Software Engineering
- Discrete Structures I & II
- Computer Science (Java) I & II
- Calculus I & II

Education

▪ B.S. Computer Science Business
Grand Valley State University   *Allendale MI*

2020 - Present