Toddeh Alexander

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EDUCATION

California State University, Fullerton   Fullerton, CA
Bachelor of Science, Computer Science   *Expected Graduation: December 2024*
Coursework: Cybersecurity Foundation, Operating System, Data Structures, Computer Architecture, Assembly Language, Database Systems, Algorithms, Compilers, Software Engineering, Mobile Dev (iOS)

SKILLS

Languages: Python, C++, JavaScript/HTML/CSS   **Frontend / Mobile:** React, Swift, Tailwind CSS
Backend: MySQL, PHP, Docker   **Other:** Microsoft Office

WORK EXPERIENCE

Kayne Anderson Rudnick   Los Angeles, CA
Information Technology Technician - Intern   *January 2022 - August 2022*
- Arranged design, assembly, and construction of a **500-square-foot server room**, racked **10 Cisco switches and routers** while also managing storage, network configuration, and power management
- Cataloged inventory, resulted in higher efficiency & organization, saving **20+ hours per week** in manual tracking
- Conducting weekly inventory audits, documenting changes in hardware to forecast future product limitations
- Managed **quality control**; arranged stock audits, including a checklist for signs of damage and product labeling
- Delivered technical support by addressing OS, software, and hardware issues encountered by **50+ employees**

Glendale Community College   Glendale, CA
Student Ambassador   *March 2021 - June 2022*
- Reached **25,000 students**, creating YouTube videos teaching students how to navigate remote environments
- Delivered comprehensive assistance to **100+** students daily by guiding enrollment in both online and in-person
- Facilitated **10+** new hires, teaching fundamental skills and knowledge necessary to excel in each respective role

PROJECTS

AI Educational Chatbot - *React, Flask, Docker, OpenAI API, Llama Index*   *Feb 2024*
- Engineered a chatbot by transforming content from 3 textbooks into queryable embeddings, subsequently stored in vector indexes for efficient retrieval
- Leveraged **OpenAI 3.5 turbo** API calls to extract data and provide responses based on indexed textbook content

University Database - *SQL, PHP, MariaDB*   *Dec 2023*
- Built SQL database with **7 different entities** and **1000 records**, including complex relationships
- Implemented PHP data access layer facilitating data exchange between SQL database and **5 user requests**

IOS Recipe App - *SwiftUI*   *Dec 2023*
- Architected and deployed an iOS Recipe Generator app leveraging **SwiftUI**; integrated TheMealDB API to provide users with **100+** diverse meal selections and ingredients required in each meal
- Built a flexible navigation system adapting to user interactions and content changes, allowing users to tap on **20+** categories to view detailed lists of recipes within
- Utilized asynchronous image loading and grid layouts to ensure smooth loading of recipe category thumbnails

Code Racer - *JavaScript, Firebase, HTML, CSS*   *June 2023*
- Programed a web app intended to improve typing speed & accuracy, teaching users **7+** sorting algorithms
- Mapped out and executed NoSQL database to optimize response times for retrieving/storing user data, and encrypted/decrypted users' personal information using **AES 256-bit encryption**
- Established a real-time responsive leaderboard leveraging **Firebase** allowing for **50+** concurrent users
- Fostered a collaborative environment by employing Discord for seamless communication among 5 team members, ensuring everyone was well-informed and engaged