

# Toddeh Alexander

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## EDUCATION

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### California State University, Fullerton

Bachelor of Science in Computer Science

Fullerton, CA

August 2022 - December 2024 (Expected)

- **Coursework:** Cybersecurity Foundations and Principles, Operating System, Data Structures, Computer Architecture, Assembly Language, Database Systems, Algorithms, Compilers, Software Engineering, Data Science, Mobile Device Application Programming (iOS)

## WORK EXPERIENCE

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### Kayne Anderson Rudnick

Information Technology Technician - Intern

Los Angeles, CA

January 2022 - August 2022

- Arranged the design, assembly, and construction of a fully functional server room, racked **10 Cisco switches and routers** while also managing storage, network configuration, and power management.
- Streamlined and **cataloged** the company's technology inventory, resulting in a more efficient and organized inventory, **saving 20+ hours per week** in manual tracking.
- Conducting weekly inventory **audits**, documenting the change of hardware in our inventory to forecast future hardware limitations and preparing ahead of time.
- Administered **quality control**; examined inventory during stock audits that includes a checklist for signs of damage and correct product labeling.
- Delivered technical support by addressing an array of OS, software, and hardware-related issues encountered by **50+ employees**.

### Glendale Community College

Student Ambassador

Glendale, CA

March 2021 - June 2022

- Reached over **25,000 students** by creating YouTube tutorial videos to help students navigate the online & remote environment.
- Delivered comprehensive and effective assistance to **100+** students daily by guiding them through their onboarding phase in both online and in person environments.

### Glendale Unified School District

Information Technology Support Staff - Volunteer

Los Angeles, CA

August 2019 - June 2020

- Collaborated alongside the school district's support team assisting **34 schools** with their IT-related issues.
- Develop an inventory management system that helps schools keep track of their IT assets, such as computers, projectors, and tablets, ensuring that equipment is used and maintained accordingly.
- Efficiently imaging machines with the school's custom operating system while facilitating the smooth deployment of **200+** laptops.

## PROJECTS

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### On-Premises Server Room Build - Kayne Anderson Rudnick

- Designed and implemented a comprehensive plan for the construction and design schema of a **500-square-foot** server room.
- Maintained **inventory** for hardware, software, and peripherals throughout the project's life cycles, guaranteeing uninterrupted availability and optimal utilization which reduced equipment loss by **100%**.
- Collaborated with the company's IT experts to resolve issues ranging from Desktop Support, routing, switching and Firewalls.

### Code Racer - Firebase, HTML, JavaScript, CSS

- A web game designed for programmers, to improve their typing speed and accuracy while learning about **7+** sorting algorithms.
- Mapped out and implemented a **NoSQL** database to optimize response times for retrieving/storing user data and **encrypted/decrypted** the user's personal information using **AES 256-bit encryption**.
- Created a real-time leaderboard using **Firebase** which allowed for 50+ concurrent users, and a responsive **UI and UX** design.
- Fostered a collaborative environment by utilizing Discord for seamless communication among **5 team members**, ensuring everyone was well-informed and engaged throughout the project.

## TECHNICAL SKILLS

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- **Languages:** Python, C, C++, JavaScript, Bash, PowerShell, PHP, MySQL, HTML, CSS
- **Developer Tools:** Object Oriented Programming, VS Code, Git, GitHub, G-Suite, Windows, MacOS, Linux, Ubuntu
- **Knowledge:** Information Systems, Software Engineering, Debugging, Web Development, Networking, Front-end, Data Analysis
- **Skills:** Adaptability, Problem-Solving, Leadership, Teamwork, Time management, Technical Support, Documentation, Analytical