Aaron Ho

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EDUCATION

University of California Extension – Berkeley, CA *December 2023 - June 2024*
Fullstack Web Development Certification

Laney College – Oakland, CA *August 2018 - May 2022*
C.A. in Computer Programming with Java and A.S. degrees in Science, Math, and CIS/Programming

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RELEVANT SKILLS

Programming Languages: JavaScript, TypeScript, HTML/CSS, Java, C/C++, Python, R

Frameworks/Tools: React, Node.js, Express.js, Linux, Docker, SQL (PostgreSQL, MySQL), MongoDB, AWS

PROFESSIONAL EXPERIENCE

The Arc of the East Bay – San Leandro, CA *August 2019 - August 2020*
IT Administrator

- Designed and implemented a robust internal network infrastructure, including VPNs between multiple sites to optimize connectivity and security across the organization
- Utilized cloud systems, such as Backblaze B2, to concurrently backup physical servers and promote data redundancy and disaster recovery preparedness
- Led the migration of IT systems during office relocations to ensure minimal downtime and seamless transition of critical services
- Built and maintained a scalable server stack to enhance system reliability and performance for daily operations
- Generated automation scripts (PowerShell) to streamline routine tasks and improve efficiency by 30%

PROJECTS

Vibe_Check — *Playlist Storage Site*

- Incorporated Node.js, Express, MySQL, and Handlebars to ensure robust functionality and user-friendly interface
- Implemented user authentication for secure playlist creation and management
- Integrated future-proof features such as playlist editing, external API integration for expanded music selection, and a music player

Book Search Engine— *Online Search and Storage Site*

- Used GraphQL, Express.js, MongoDB, and React to support efficient data handling and seamless user experience
- Implemented user authentication to securely save and manage favorite books and reading lists
- Integrated Google Books API for comprehensive book search functionality to enhance user interaction and content discovery