

MOORE LI

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EDUCATION

The Ohio State University

Bachelor of Science

Major in Computer Science, Minor in Chinese

Cumulative GPA: 3.69/4.0; Dean's List 2023-2025

Relevant Coursework: Linear Algebra; Discrete Math; Operating Systems; Data Structures; Algorithms; Databases; Web Apps

Columbus, OH

Expected May 2027

WORK EXPERIENCE

The Ohio State University

Student Network Engineer

Columbus, OH

Aug 2023 – Present

- Assist full-time network engineers to provide services for 17,000 students and 50 departments consisting of 6,500 staff covering 94 locations on all OSU campuses
- Develop and maintain over 100 network cabinets across the entire OSU campus

J.F.D Landscapes

Landscaping Summer Team Member

Chagrin Falls, OH

May 2024 – July 2024

- Assisted in the maintenance and design of residential and commercial properties
- Worked as part of a team to complete projects on time and to client specifications.
- Gained hands-on experience in outdoor labor, time management, and customer service.

PROJECTS

Multiplayer Web Game

Vue | Docker | Jakarta EE

- Developed and deployed a full stack multiplayer guessing game with WebSockets for real-time updates
- Utilized Jakarta EE implementations such as Jetty for a RESTful backend, VueJS for a SPA frontend user interface, and Docker for containerization

OSU Academic Dashboard

Ruby | Docker | Redis | Oracle Cloud

- Implemented concurrent API requests using Ruby threads, improving response time from 40s to 6s
- Containerized and deployed the application with Docker on Oracle Cloud, enabling consistent testing and production deployment across environments
- Integrated Redis caching to reduce API latency and improve data retrieval speed

RELEVANT EXPERIENCE

Research Assistant

- Work on the development of component detection in piping and instrumentation diagrams of nuclear power plants based on neural networks

American Nuclear Society at OSU

Webmaster

- Led the transition of the American Nuclear Society at OSU website, migrating from OSU's CampusPress WordPress platform to a self-hosted Astro and Tailwind CSS site
- Decreased global CSS file size from 900+ lines to 86

ADDITIONAL

Technical Skills: Java, C, VueJS, Docker, AWS, PostgreSQL, Python, Git, Ruby

Languages: Fluent in English; Proficient in Chinese

Interests: Basketball, Cooking, Baking, Billiards, Board Games

Certifications: AWS Certified Cloud Practitioner | [AWS Training and Certification](#) | 2025