Bin Li

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OBJECTIVE

Bridge the gap between software development and operation with DevOps and automation

EDUCATION

B.S. IN COMPUTER SCIENCE

COLORADO STATE UNIVERSITY | 2023-2024
GPA: 3.55

ASSOCIATE IN SCIENCE

IRVINE VALLEY COLLEGE | 2020-2022
GPA: 3.93

B.S. IN ARCHITECTURE

CHINA | 2001-2006

IOS ACCELERATOR BOOTCAMP

KODECO INC | SPRING 2023

COURSEWORK

JAVA PROGRAMMING
PYTHON PROGRAMMING
SOFTWARE DEVELOPMENT WITH C++
OPERATING SYSTEM
SOFTWARE ENGINEERING
DATABASE SYSTEMS | IN PROGRESS

MY TECH STACK

- Git, GitLab, CMake, Bash scripting, Linux, Automation
- JavaScript (advanced), NodeJS, Express, ReactJS
- Python (intermediate-level), Flask, FastAPI, C++ (intermediate-level)
- AWS, Docker
- UDP, TCP, HTTP and Socket programming

EXPERIENCE

MENTOR, LOCAL COMMUNITY COLLEGE | 2023.09-2024.02

- Mentored over ten local community college students in coding, fostering their understanding of programming concepts and problem-solving skills.
- Developed personalized teaching strategies to effectively convey complex technical concepts, resulting in a significant improvement in student performance.
- Encouraged independent learning and exploration among mentees, empowering them to tackle coding challenges autonomously.

PROACTIVE PROBLEM SOLVER AND SELF-LEARNER

- Demonstrated exceptional problem-solving abilities by independently resolving complex technical issues in projects.
- Leveraged self-directed learning to master new technologies in advance, enhancing my ability to contribute effectively to project teams.

PROJECTS

TRIP SCHEDULER WEBSITE | REACT| JAVA

- Participated in the development of a geographic trip scheduler website using React and Java within an Agile team environment, following scrum methodology.
- Implemented best practices for version control using Git, creating and managing issues, feature branches, and pull requests to ensure smooth collaboration and code integration.

SPACE LAUNCH CONTROL WEBSITE | EXPRESS| MONGODB

- Built the backend of a space launch control website, integrating NASA data and SpaceX API using Express and MongoDB. Website Link
- Implemented automated testing procedures, leveraging GitHub Actions and Docker for continuous integration and deployment pipelines.

GITLAB-CI-PROJECT | GITLAB | AWS | DOCKER

- Automated deployment processes using GitLab CI/CD pipelines, AWS services, and Docker containers. Repo Link
- Configured YAML files to define deployment pipelines, enabling seamless deployment of static websites to AWS S3 buckets programmatically.

ITERATION-PROGRAM | C++

- Demonstrated proficiency in C++ programming and edited CMake files and compiled the project on Linux machines.Repo Link