

Bin Li

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OBJECTIVE

Solve problems with JavaScript, Java, cloud, or DevOps

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

CERTIFICATE

IOS ACCELERATOR BOOTCAMP

KODECO INC | SPRING 2023

COURSEWORK

JAVA PROGRAMMING

DATA STRUCTURE IN C++

SOFTWARE DEVELOPMENT WITH C++

- Participate in Scrum-based, semester-long development of large, complex web full-stack project

OPERATING SYSTEM

SOFTWARE ENGINEERING

SYSTEMS SECURITY | IN PROGRESS

DATABASE SYSTEMS | IN PROGRESS

INTRODUCTION TO DISTRIBUTED

SYSTEMS | IN PROGRESS

MY TECH STACK

- Full stack teches like NodeJS, Express, Angular, ReactJS, Redux
- Cloud computing and container teches like AWS, Firebase, Docker
- DevOp techs like Git, GitLab, Linux commands
- Testing techs like JUnit, React testing library
- UDP, TCP, HTTP and Socket programming using Socket.IO
- Java, C++, Swift, SwiftUI, Python

EXPERIENCE

- While studying at college, I am attracted by Swift so I enrolled in Kodeco 2023 April iOS boot camp and later finished several projects.
- But iOS mobile study did not give me the capacity to build my back-end, so I played a bit with PHP and gained back-end experience. Later I wanted to steam-line my front and back end study, so I learned JavaScript full stack techs. By the end of my JavaScript study, I needed to find ways of hosting my project and eventually hosted my websites on AWS EC2. Inspired by this experience, I now expand my study to cloud computing and DevOps.
- Overall, I am interested in cloud, distributed system, or DevOps. So, I would take cloud-related courses and prepare cloud certificates, at college or self-taught.

PROJECTS

GITLAB-CI-PROJECT | GITLAB | AWS | DOCKER

- It creates the pipeline that takes every commit and deploys it to AWS s3 and Elastic Beanstalk by using Docker container.

CLIPS WEB | ANGULAR | FIREBASE

- This video website supports authentication and allows users watch, update, upload, and delete their video by using Firebase as an back-end.

SLACK CLONE APP | SOCKET.IO

- Using Socket.IO, the Slack-like app allows users to choose different name spaces and rooms to communicate.

E-COMMERCE WEB | REACT | REDUX | FIREBASE

- Due to Firebase authentication and database, users can sign up/in, navigate to different categories, add items into cart, and checkout.

NASA MISSION CONTROL APP | EXPRESS | MONGODB

- It reads real NASA data from a csv file and combines it with SpaceX API to build a space launch system.

POSTER APP | NODEJS

- Build a blog website server on self-made backend framework But-terJS that is similar to ExpressJS.

ITERATION-PROGRAM | C++

- This project demonstrates how to write a custom iterator in C++.

LINKS

GitLab: <https://gitlab.com/users/vieri2in/projects>

GitHub: <https://github.com/vieri2in>

Portfolio NASA Mission Control: <http://54.219.135.6:8000/launch>

Portfolio e-Commerce Project:

<https://melodious-custard-eb1104.netlify.app/>

Portfolio Clips Project: <https://clips-app-angular16.vercel.app/>

LinkedIn: <https://www.linkedin.com/in/bin-li-b2a86520b/>