AMIR RAISSI

720-212-6272   10268 Charissglen Cir
amir_raissi@yahoo.com   Highlands Ranch, CO, 80126
github.com/amir-raissi

OBJECTIVE

To obtain a position where I will successfully be able to learn and contribute as a Software Engineer.

SKILLS

- TypeScript/JavaScript
- Angular
- React
- Java
- SQL
- Solidity
- Python
- C/C++
- Web3.JS/Ethers.JS
- Bash/Scripting
- Web Development Process
- Communication

EDUCATION

Colorado State University   *August 2019 – December 2022*
- College of Natural Sciences: *Computer Science*
  - Minor: *Economics*

EXPERIENCE

Software Engineer Intern • Visa • Highlands Ranch, CO   *May 2022 – August 2022*
- Worked on 6 production facing tasks.
- Developed new UI components using jQuery.
- Enhanced existing RESTful APIs utilizing Springboot Framework.
- Ensured data integrity of mySQL databases.
- Collaborated with other developers to complete tasks.

Undergraduate Teaching Assistant • CSU • Fort Collins, CO   *January 2022 – May 2022*
- Was UTA for CS-314 Software Engineering at Colorado State University.
- Taught students best practices for React/Spark development, teamwork, Agile methodologies, and creating a maintainable and usable codebase.
- Developed and maintained core frontend components and features utilizing React.
- Wrote bash script to deploy hotfixes to over 30 different student repos.

Application Consultant Intern • TEAM IM • Remote   *January 2021 – April 2022*
- Worked in Agile environment on 5 different development teams.
- Worked with development teams and product managers to cater product to client's needs.
- Developed new user-facing features utilizing Angular and TypeScript.
- Created RESTful APIs utilizing Springboot Framework.
- Maintained code base integrity and organization.

PERSONAL PROJECTS

Web3 Calendly
- Wrote and deployed Web3 Calendly application using React and Surge.sh.
- Developed, deployed and tested Calendly smart contract on the Goleri test network using Hardhat.
- Conducted usability study to assess the usability of Web3 platforms.

React Trip Planning Application
- Wrote single page trip planning application using React.
- Wrote RESTful APIs using Java Spark Framework.
- Queried mySQL database to display list of potential places to user.
- Implemented K Nearest Neighbors algorithm to optimize user's trip.

Basic Cryptocurrency Trading Bot
- Wrote basic cryptocurrency trading bot using relative strength index (RSI) in Python.
- Utilized Binance API to periodically get data to calculate RSI.