

Hannah Zhao

Chester, VA | 571-383-4852 | zhaohj@vcu.edu | www.github.com/zhao-hj

Technical Skills

(Proficient): Python, Java, C

(Familiar): C++, Linux Command Line, Git, MySQL, Common Lisp

Education

VCU | EXPECTED GRADUATION: MAY 2024

- Major: Computer Science
- Cumulative GPA: 3.642
- Provost Scholarship
- Related coursework: Fundamentals of Software Engineering, Databases, Software as a Service

Projects

MYSQL DATABASE AND WEBPAGE (GROUP PROJECT)

JAN 2022 – MAY 2022

- Designed a database for a mock café that contained tables for users, employees, schedules, customers, store branches, menus, and orders.
- Developed a webpage for the café that displayed the information from the database in the form of tables.
- Added role base access controls for employee information to enhance security of personal information.
- Implemented CRUD front end interface to make additions, deletions, and updates to the database from the webpage.
- Utilized: MySQL, PHP, and CSS styling

FLASK FORM WEBPAGE

SEPT 2022

- Created a Flask web application that simulates a course override form for VCU.
- Used Jinja2 templates for each webpage and for error handling of internal server errors and unknown routes
- Utilized: Python

HEROKU REST SERVICES

OCT 2022

- Deployed two services to Heroku that communicated to each other via REST. One sends a request to the other service and returns a JSON payload containing the time it took to complete the request. The other service returns a JSON payload containing a random integer value.
- Utilized: Python

GRAPHQL QUERIES TO GITHUB API

OCT 2022

- Used GraphQL to make queries to GitHub's REST API and displayed the repository name, number of stars, and an issue labelled as bug for 10 random public repositories located on GitHub.
- Utilized: Python, GraphQL