AUSTIN NOH

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Education

PURDUE UNIVERSITY, WEST LAFAYETTE, IN   EXPECTED GRAD: DECEMBER 2021
B.S. Major: Computer Science Minor: Psychology

Professional Experience

Kroger Digital & Technology   **May 2020 – Present**
Software Development Intern   *Cincinnati, Ohio*
- Contributed to the development of an API that fetches individual customer account data. Implemented Unit Tests to test success and failure cases for various types of CRUD operations that the service handles.
- Communicated with mentor daily to explore different features of the back-end layer by developing a micro-service from scratch to converting the application to run within a Docker container.
- Familiarized myself with an agile development environment through different tasks such as attending daily stand-offs and weekly working sessions. Currently being assigned tickets on the scrum-board with deadlines.

National Human Rights Commission of Korea   **May 2016 – May 2017**
Receptionist/Administrative Assistant   *Seoul, Republic of Korea*
- Directed clients to appropriate personnel to address concerns, or answer human-rights-based questions and concerns.

Projects

Customer-API   **May 2020 – June 2020**
Tools: Java, Spring-boot, JDBC, Junit, Java Security, Swagger-API, Docker
- Developed a Spring-boot-Gradle micro-service with basic CRUD operation with JDBC as database.
- Implemented a rest API model called "Customer" with different components, which the services fetch as a JSON object.
- Used JUnit tests and Postman to check if the service throws the correct exceptions to its appropriate type of request.
- Utilized JAVA security to create a secure service that requires a log-in system to give different access to each user.
- Deployed the micro-service into an image so that the service could be run as a docker.

Peppa Pig App
Tools: JavaScript, Node.js, React.js, DialogFlow   **August 2019**
- Developed a web application with a chatbot to give users a way to interact with the team's product for a hackathon.
- Implemented Google's Dialog Flow API which handles text-based conversation using Artificial Intelligence.
- Used React-Redux to allow communication between the user and the DialogFlow agent.

MP3 Messenger
Tools: Java, Java Socket   **October 2018 –November 2018**
- Created a server-class that locally opens a socket that listens for client requests using socket programming.
- Implemented multi-threading to handle multiple client requests.
- Used input/output streams in objects to handle metadata of song and bytes of the mp3 file.

Austinnoh (Personal website)
Tools: Java, Java Socket   **October 2018 –November 2018**
- Built a personal Node.js web application that showcases my personal information, school, and personal projects.
- Recycled static file codes and used Express.js to allow the files to load on my server.
- Used Heroku to host my website on the cloud using the Heroku command line and GIT.
- Exploited Google's firebase database to establish a back-end system for a working contact form.

Involvement

HackXD 2019   **August 2019 – August 2019**
Awards: Most Unique Solution, Best Pitch, 3rd place
- Participated in a multi-disciplinary hackathon to create an experience that adheres to the theme of Humanizing AI.

Skills and Tools

Programming Languages: JAVA, C/C++, ARM Assembly, JavaScript, BASH Scripting, Golang
Tools/Framework: Agile/Scrum, Springboot, JavaSecurity, Junit, Swagger API, Postman, Docker, React, Git, HTML/CSS