Lance Aguilar

Undergraduate Computer Science student seeking software engineering internship opportunities for the summer of 2022. Interested in mobile and desktop application development. Motivated towards collaborating with other developers to build solutions to problems faced by a wide range of users.

Contact

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DC Metropolitan Area

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GitHub
https://github.com/Lance1911

Website
https://lance1911.github.io/LanceResume/

Education

Bachelor of Science: Computer Science

Virginia Polytechnic Institute and State University
GPA: 3.4, Expected Graduation May 2022

Skills

Languages: Java, C, Kotlin, Python, HTML, CSS
Tools: Eclipse, IntelliJ, Android Studio, Visual Studio Code
Version Control (Git), Linux, Arduino

Projects

Cookbook Meal Finder App

· Developed a Kotlin-based Android application to help users find recipes based on dietary needs
· Retrieved API recipe data using Retrofit queries

Wheelchair Obstacle Sensor System

· Implemented a C++ program which controlled sensor and motor behaviors of an Arduino system designed to help wheelchair-bound individuals avoid physical barriers

Currency Converter App

· Built an Android application that facilitates the conversion between different global currencies
· Deployed the backend using Kotlin and updated data using a currency API

Relevant Experience

2020-08 - 2021-05

Java Developer - *FoodBot at Virginia Tech*
- Utilized Java to write class files responsible for tracking customer orders for an autonomous food delivery robot
- Worked with Git to collaborate with team developers and manage version control

2019-08 - 2020-08

Hyperloop GUI Designer - *Hyperloop at Virginia Tech*
- Created wireframes with other developers to model designs for a dashboard that displayed vehicle data (speed, temperature, stability, etc.).