Charles Jenkins

Software Developer

👤 Profile

Georgia Tech computer science student looking for a software engineering internship to apply my programming knowledge

🎓 Education

Bachelors in Computer Science, Georgia Institute of Technology, Atlanta, GA

August 2019 – May 2023

GPA: 4.00 / 4.00

Relevant Coursework: Python, Object-Oriented Programming, Data Structures and Algorithms, Linear Algebra

💼 Employment History

Returning Android Development Intern at Dexcom, San Diego, CA

May 2019 – August 2019 and June 2020 – August 2020

- Took an existing project idea and re-worked it to fit new design requirements.
- Used UML diagrams for design approval, then implemented according to the diagrams.
- In my first year, built a feature revolving around camera APIs to help people manage their glucose level.
- In my second year, built Android Libraries to create a feature allowing server messages for multiple Dexcom apps.

📊 Projects

Activity Tracker

- https://github.com/davidburns573/ActivityTracker
- Designed and wrote an app with a Georgia Tech colleague to keep track of activities.
- Highly customizable. Allows choice between cloud and local database, freedom of reordering/deleting.
- I worked extensively on networking with Firebase, as well as managing all of the core data components.

Sign-In Flutter App

- https://github.com/BestCharlemagne/ClairemonsterRoboticsApp
- Utilizes Firebase to store global data and display it in a visually pleasing manner.
- Allows users to sign in/out of the system with a barcode scanner while the app maintains the amount of time the user is checked in.

🌱 Extracurricular

RoboJackets RoboRacing

September 2020 – Present

Georgia Tech

Wrote code for autonomous racing robots using machine learning and computer vision utilizing C++ and ROS.

Data Analysis Member "For the Kids"

September 2019 – April 2020

Georgia Tech

A founding member of the data team to discover trends and improve the club's ability to raise money for the children's hospital of Atlanta.

Details

858-860-4403

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Links

thecharlesjenkins.com

linkedin.com/in/charles--jenkins

github.com/BestCharlemagne

Skills

Java/Kotlin: Programmed commercial Android apps.

Android Studio: Deployed Android applications to Google Play Store

C/C++: Programmed with RoboJackets

ROS: Programmed with RoboJackets

Python: Course at Georgia Tech

Flutter and Dart Android Framework

ReactJS: Created my website