

# Charles Jenkins

Software Developer

## 🎓 Education

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

August 2019 – May 2023

GPA: 4.00 / 4.00

Threads: Intelligence, Systems & Architecture

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

## 💼 Employment History

**Returning Android Development Intern at Dexcom, San Diego, CA**

May 2019 – August 2019 and June 2020 – August 2020

- In my first year, worked closely with other Android developers to add new features to Dexcom's next generation app by applying my knowledge of Android development and learning on the job.
- In my second year, I was the lead mobile apps intern. After designing with UML, I implemented the libraries for Android and aided another intern in implementing for iOS. My main project was a library that communicated with a Dexcom server to send, receive, and store server data.

## 📁 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 was in charge of the architecture of the app. I also worked extensively with the Firebase networking on the app, I created the Database interface used across the app and helped code the SQL database.

**Calculator Flutter App:** [https://github.com/BestCharlemagne/Smartest\\_Calculator](https://github.com/BestCharlemagne/Smartest_Calculator)

- Follows Flutter BLoC design pattern to accept user input and generate the Taylor Series for the desired.
- Allows the user to adjust both the input and the precision of the result. As a result of a greater precision, app will display more terms of the Taylor Series.

## 🏆 Extracurricular

**RoboJackets RoboRacing**

September 2020 – Present

Georgia Tech

Using ROS and C++, I write code for our competitive autonomous robot and test inside of a simulation. The projects I have worked on include detecting other robots using April Tags and add their bounding box into the map model.

**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

[thecharlesjenkins@gmail.com](mailto:thecharlesjenkins@gmail.com)

## Links

[thecharlesjenkins.com](https://thecharlesjenkins.com)

[linkedin.com/in/charles--jenkins](https://linkedin.com/in/charles--jenkins)

[github.com/BestCharlemagne](https://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

Go: Created API Server at Hackathon