# Cason Pittman

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Please Note that some repositories are private due to UGA Honesty policy, for access please email me.

## EDUCATION

**University of Georgia**, Franklin College of Arts & Sciences — Athens, GA
*Bachelor of Science in Computer Science* — December 2024
**GPA:** 3.0
- Dean's List in Fall 2022

## SUMMARY OF QUALIFICATIONS

- Lead an Open-Source project at UGA for students in the ACM club, the project created an improved UGA Bus App for students to track their routes in between classes.
- Relevant coursework, in areas such as Systems Programming, Software Development, and Data Structures, Web Programming, and Computer Networks
- Developed teamwork by participating in UGA HACKS8, a hackathon hosted by MLH (Major League Hacking)
- Created many projects throughout classes which highlight important aspects such as API's, Polymorphism, various crucial data structures, and ability to receive a problem and work on a solution.

## TECHNICAL SKILLS

- **Programming Languages & Frameworks**: Java, JavaScript, React, SQL, HTML, CSS, Python
- **Tools**: VS Code, Android Studio, Git

## PROJECT EXPERIENCE

**Open-Source Project Fall, Jetpack Compose (Kotlin)/Spring Boot (Java)** — Athens, GA
ACM at UGA — September 2023- Present
- Lead Front End Developer that created a UGA Bus App that was an improvement to the current build.
- Held weekly meetings that focused on Project Management, and Mobile development.
- Mentored students to increase their efficiency when contributing to the project.
- Gained crucial experience in version control (Git) and Frontend Development (Jetpack Compose)

**Reddit Clone, React.js, Node.js, Express.js, MySQL** — Athens, GA
*Software Engineering Class* — February 2024-May 2024
- Created an application like Reddit with the ability to create users, posts, and comments.
- Created in a group of five students, over the course of a semester.
- I personally was responsible for the database, backend, and creating some axios statements.

**Personal Coding e-Portfolio, React.js, Node.js, MySQL, Firebase** — Athens, GA
Personal Project — April 2024
- Website that showcases my abilities in various aspects of programming, including Object Oriented Programming, Frontend Design, Database Management, and cloud hosting.
- Various projects are displayed in Java, React.js, JavaScript, SQL, and C family.
- Using as a tool to increase my web development abilities and other programming concepts.

**Relational Algebra Engine, Java** — Athens, GA
Database Management — February 2024
- Implemented an engine which can take in relational algebra statements in the form of method calls and output tables accordingly.
- Created in Java using no external libraries.
- Personally, implemented the join functions which takes 2 tables and combine them in various ways.
- Understanding of relational databases tripled because of this project.

**SafeTravels, Flutter/Dart** — Athens, GA
UGA Hacks8 (Hackathon) — February 2023
- Created a mobile app that functions as a safety information companion for travelers.
- API's give the app various statistics, and allows the user to save specific countries they are interested in.
- Created with 3 other students over 48 hours.
- Greatly increased my ability to work on front end problems relating to UI's.

## LEADERSHIP EXPERIENCE

**Association of Computing Machinery** — Athens, GA
*Community Engagement Chair* — August 2023-Present
- Helped lead the biggest computer science organization at UGA.
- Headed up multiple events (10+) that improved the community and relations of the club.
- Lead and developed an Open-Source Project made by and for UGA students.