

Randall Betts

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EDUCATION

Samford University

Bachelor of Science in Computer Science

Major in Computer Science

GPA: 3.37 Dean's List 2023-2026

Relevant Coursework: Foundations of Computer Science, Discrete Mathematics for Computer Science, Operating Systems, Computer Systems & Architecture, Advanced Programming Concepts, Computing in Python and Java, Database Systems & Cloud Data Management, Principles of Programming Languages, Cybersecurity GRC, Cybersecurity Operations

Homewood, AL

Expected May 2026

COLLEGE PROJECTS

Alabama Baptist Disaster Relief Inventory Management App (In Development)

Aug 2025 – Current

Software Developer, UI Designer, Full-Stack Developer

- Developing a **React Native mobile application** with **TypeScript/JavaScript** and **Firebase backend** to manage disaster relief inventory and meal distribution.
- Designed features to **track supplies, calculate meal capacity, and provide real-time updates** for teams aiding communities impacted by hurricanes, tornadoes, and other natural disasters.
- Collaborating in a development team to build a **scalable, user-friendly system** tailored to nonprofit disaster relief operations.
- Strengthening skills in **mobile development, cloud databases, and real-world software engineering** while contributing to a project with meaningful social impact.

Cross-Platform Camera Capture Project

Nov 2024 – Dec 2024

Software Developer

- Developed a **Java/Android application** to activate webcams, capture photos, and upload files to a folder.
- Collaborated with teammates using **GitHub** for version control, branching, and code sharing.
- Implemented cross-platform compatibility for **Windows, MacOS, and Android** through research and modular coding.
- Strengthened skills in **Java, Android Studio, GitHub workflows, and device I/O management**.

DegreeWorks Replica Project

Feb 2025 – March 2025

Software Developer

- Built a **Java-based replica of a university course registration system** with login functionality and role-specific UI for **students, professors, and admins**.
- Implemented features including **student enrollment, faculty course creation, admin management of users/courses, and ID-based authentication**.
- Collaborated with teammates to design **user flows and system permissions**, ensuring clear separation of responsibilities by role.
- Strengthened skills in **Java programming, object-oriented design, and role-based access control** while simulating a real-world enterprise system.

TECHNICAL SKILLS

Languages: Advanced in Python, Java, JavaScript, TypeScript, React Native. Proficient in C#, C++, SQL, HTML, PostgreSQL, MongoDB, NoSQL

Tools & Platforms: Docker, Node.js, Git, AWS, Virtual Machines, Containers

Platforms: Windows, MacOS, Linux

ACTIVITIES & INTERESTS

- Active in **cybersecurity and software development coursework** with a strong focus on practical application
- Outside of academics: exercising, practicing dance, and roller skating with friends