Braiden T. Anderson

4040 Janet St. Lithia Springs, GA 30122 | 678-887-9324 | banderson336@gatech.edu | US Citizen

Objective

Computer Engineering major with strong communication skills, specializing in cybersecurity and robotics/autonomous systems with a keen interest in PCB Design and/or verification. Determined, and enthusiastic with learning how to get things to work. Experienced at collaborating with team members, and successful in establishing and leading teams to success. Seeking an internship in the systems design and/or verification sector field for Summer 2024.

Education

Georgia Institute of Technology | Atlanta, GA   *August 2024 – Present*
Bachelor of Science in Computer Engineering, GPA TBA   Expected Graduation, May 2027

Transfer from Kennesaw State University | Kennesaw, GA   *August 2023 – April 2024*
Transfer with 47 Credit Hours, GPA ~3.6, Dean's List x2

Skills

Programming: Java (Intermediate), Python (Hi-Novice), C (Novice), C++ (Novice)
Platforms: Linux (Kali), Windows, Mac (Novice)
Hardware: Raspberry Pi (Hi-Novice), Arduino (Hi-Novice)
Software: GitHub, Onshape, Ghidra, Wireshark,
Professional Organizations: RoboJackets (RoboWrestling - Electrical)
Communication: Collaboration, Group Projects, Presentations (small to medium audiences ~20-50)
Languages: English (Native), Spanish (Partially conversational)

Experience

North Cobb Christian School | Kennesaw, GA   *September 2021 – August 2024*
Intern / Information Technology   (Break from May '22 - May '24)
- Worked 30-35 hours weekly to prepare financially for GaTech.
- Regulated and maintained data centers throughout the entirety of campus
- Renovated, wired, organized, and punched ethernet ports for new technology department building.

Chick-fil-A | Lithia Springs, GA   *May 2022 – June 2022*
Back-of-House
- Worked 35-40 hours per week to **finance** my **air quality sensor** capstone project among other electrical-based interests.
- Developed and maintained **rapport** with each team member **quickly**.

Projects

Chip-Scale Power & Energy |Vertically Integrated Project, GTRI   *Fall 2024*
Systems Design & Materials Design
*The goal of our team-based laboratory is to design and produce a supercapacitor that surpasses the limitations of powerful quick-burst capacitors and mild long-lasting batteries. **Sponsored** by **NASA** and **Sandia National Laboratories***
- Systems Design: Iterating and developing PCB design to test the supercapacitor during high-altitude ascent with help from **NASA.**
- Materials Design: Iterating and developing supercapacitor design to achieve our goal of concentrated power & energy density.

Air Quality Sensor |High School Senior Capstone, NCCS   *Spring 2023*
Systems Design
*Designed and produced an arduino-based multi-functional air quality sensor that **detects chlorine** gas and collects quality data of the air around a laser cutter and other dangerous equipment for the safety of its users.*

Relevant Coursework

Digital System Design: Basic analysis and design of circuit systems; developing a computer from the ground-up.
Intro Discrete Math: Conceptual and practical understanding of logic viewed in a systematic way.
Intro to OOP: Conceptual and practical understanding of object-oriented programming based in **Java 11**.

Leadership

North Cobb Christian School | Student   *August 2022 – May 2023*
- Established and led the chess club for two semesters with attendance averaging 10 students.
- Led a team of 3 programmers which placed us at **Regionals** at the BEST robotics league held at **Auburn U.**