

# ALEX BEAUFORT

904-480-0686 | [alexbeaufort0703@gmail.com](mailto:alexbeaufort0703@gmail.com)

<https://alexbeaufort.github.io/> | <https://www.linkedin.com/in/alex-beaufort-b18230236/>

## EXPERIENCE

---

**Undergraduate Researcher** – University of Central Florida AUG 2023 – Present

- Worked under a project called VARS where we created an exoskeleton like device that aids in resistance training and used an arduino with sensors to track information like rotational speed and send this data to an external application

**Server Side Engineer Intern** – Jacksonville Electric Authority MAY 2023 – AUG 2023

- Assembled and troubleshoot servers, worked with cloud services and databases

## EDUCATION

---

**University of Central Florida** – Computer Engineering 2021 – Present

- **Relevant Courses:** Computer Science 1 | Linear Circuits 2 | Object Oriented Programming | Computer Logic & Organization

## SKILLS

---

**Skills:** HTML & CSS | JavaScript | C | React | Bootstrap | VS Code | Firebase | Java | JSON | Python |  
| Arduino | MIPS Assembly | XML | Responsive Web Design certified (300 hours) | JavaScript  
Algorithms and Data Structures certified (300 hours) | Front End Development Libraries | NoSQL  
Databases | Debugging | Problem-solving | Critical thinking | Leadership

## PROJECTS

---

### Portfolio Website

- Developed a website that showcases all of my previous web development projects, including landing pages, chrome extensions, JavaScript games, database projects, web apps and more.

### Multimeter Project

- Assembled 3 different circuits with an Arduino that measured voltage, ohms, and amps. In the project, we read schematics and learned how multimeters measure volts, ohms, and amps.

### Solar Power Charger

- Created a circuit with a solar panel, attached it to chargeable batteries, and added a USB port that allowed for a cellphone to be charged.

## CLUBS/PROGRAMS

---

**National Society of Black Engineers | Institution of Electrical and Electronic Engineers |  
EXCEL Program | Knight Hacks | Google Student Developer Club  
Knights Powerlifting: Vice President**