

SHANE BRAMBLE-WADE

Software Engineer

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☎ 954-839-5070

📍 Richardson, TX

🐙 [Github](#)

EDUCATION

B.S.

Computer Engineering

University of Central Florida

📅 August 2015 - December 2020

📍 Orlando, FL

🎓 GPA: 3.13

UCF Coding Boot Camp

University of Central Florida

📅 June 2021 - November 2021

📍 Orlando, FL

RELEVANT COURSES

- Data Structures
- Algorithm Design
- Database Management Systems
- Object-Oriented Programming
- Software Design Methodology
- Computer Science I & II

SKILLS

Programming Languages

- **Advanced:** JavaScript, HTML/CSS, SQL, Nodejs, Git, React
- **Familiar:** C, C++, React Native, Java, MongoDB, Verilog

CAREER OBJECTIVE

Interested in advancing a career as a Software Engineer at Raytheon Technologies. Offering experience in software design and development, hardware and coding, and integrating innovative software solutions per clients' specifications.

WORK EXPERIENCE

Electrical and Electronics Engineer

Raytheon Intelligence & Space

📅 September 2021 - current

📍 Dallas, TX

- Managed and organized laboratory equipment worth \$1.5 million.
- Supervised the overall operations of 5 laboratories, to include day to day activities and work flow analysis.
- Contributed to the testing, design, and probing for over 12 MMIC (Monolithic microwave integrated circuit) chips.
- Executed 20+ hardware tests with oscilloscopes, acquisition units, DMMs, and analyzers, relying on extensive knowledge of analog and digital principles.
- Developed and implemented training documentation and procedures for over 100+ lab personnel.

Software Developer Intern

Corserva

📅 September 2020 - January 2021

📍 Orlando, FL

- Achieved a 30% increase in battery life performance for each Bluetooth Smartwatch.
- Practiced strong configuration management and version control for 20+ projects across seven teams.
- Tested software for bugs and operating speed, fixing bugs and documenting processes to increase efficiency by 18%.
- Designed and coded 1,000+ unit and integration testing using Jest and tactical methodologies.
- Updated 30+ electrical schematics using KiCad for record keeping and power system modeling.

PROJECTS

Corserva – Smart Watch (Bluetooth Low Energy)

Software Developer

📅 Sep 2020 - Jan 2020

- Developed a Java application that interacts with a Bluetooth smartwatch, to detect the distance from an "Alfred Smart Lock".
- Constructed PCB layouts on KiCad and manufactured them using a LPKF milling machine.
- Optimized test performance via data collection and statistical analysis.