Jake Wright

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OBJECTIVE

A highly motivated Computer Science major looking for an opportunity to gain hands-on experience in a fast-paced and growing industry.

EDUCATION

University of Central Florida — Orlando, FL
Bachelor of Science in Computer Science — *Aug. 2022 – May 2026*

EXPERIENCE

Systems and Software Engineer Intern — May 2024 – July 2024
Wabtec Corporation — *Melbourne, FL*
- Collaborated cross-functionally to manage thousands of system functional requirements
- Created two detailed software design documents for various subsystems
- Created, analyzed, and filtered through large data matrices exceeding 20,000 data points in Excel

Software Engineer Intern — May 2023 – July 2023
Northrop Grumman — *Melbourne, FL*
- Automated and optimized secure file transfer over serial with PowerShell
- Created and updated documentation for procedures and code base
- Acquired and maintained a DoD Secret security clearance

Coding Instructor — Feb. 2021 – July 2022
Code Ninjas — *Viera, FL*
- Taught fundamentals of programming and computer skills to children ages 5-14
- Lead multiple instructional camps over summer that covered a variety of programming applications
- Created and maintained a fun and inviting learning environment

PROJECTS

IEEE VST Multi-Effects Plugin | *C++, Figma* — Aug. 2024 – Present
- Created teaching and supplemental material to educate interested members
- Set up and maintained framework and file structure to make the project more approachable for IEEE members new to programming
- Lead meetings to cover specific topics and goals on a weekly basis

Recipe Manager | *MERN Stack, Figma, Google Lighthouse, TypeScript, Javascript* — Sep. 2024 – Nov. 2024
- Planned and helped execute a large project idea with a small development team
- Designed and implemented accessible UI/UX formats and standards
- Implemented CRUD operations for users, user's recipes, and recipe tags
- Developed a mobile application that can interact with the database set up for the website

Contact Manager | *LAMP Stack, Figma, Google Lighthouse, HTML, CSS, Javascript* — Aug. 2024 – Sep. 2024
- Planned and helped execute a small project idea with a small development team
- Designed and implemented accessible UI/UX formats and standards
- Implemented CRUD operations for both the user and the user's contacts

TECHNICAL SKILLS

Proficient: DOORS, Agile Workflow, Atlassian Suite, Java, C, Pyton, Git, GitHub, PowerShell, HTML, CSS
Working Towards Proficiency: C++, Javascript
Certifications: Java, Adobe Premiere Pro, Adobe After Effects