

NATHAN DAVID

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EDUCATION

UNIVERSITY OF ALABAMA AT BIRMINGHAM

Bachelor of Science

Major in Information Systems

- Concentrations in Data Analysis & Cybersecurity Management

Major in Entrepreneurship

Birmingham, AL

Expected May 2027

WORK EXPERIENCE

SIMPLE TECH (Small business specializing in technology repair such as phones and laptops)

Homewood, AL

Freelance Software Developer

May 2024 - Present

- Developed and deployed a responsive website from scratch with SSL security and a relevant domain name that serves as the front page and advertising face of the Simple Tech small business

Assistant Tech Intern

Sep 2022 – May 2024

- Diagnosed and repaired various technologies with software or hardware problems, misconfigurations, or other issues with reported positive customer satisfaction
- Engaged with customers productively and issued general advice concerning best software and hardware usage practices
- Responsible for successfully issuing effective and robust strategy planning and recommendations for task-completion

WORK PROJECTS

SIMPLE TECH CENTRAL WEBSITE

Jun 2024

- Developed a user-friendly and resolution responsive webpage (<https://simpletechalabama.com>) from scratch using HTML and CSS for mobile and desktop view for client to showcase and advertise the small technology business Simple Tech

PERSONAL PROJECTS

PERSONAL PORTFOLIO WEBSITE

Jun 2024

- Created a desktop and mobile responsive website (<https://nathan06.com>) from scratch in HTML and CSS
- Features projects to demonstrate ability in software development and ability to contribute well in a professional setting

UPSTREAM LINUX 6.1 LTS FORK FOR COOL PI ROCKCHIP ARM64 DEVICE HARDWARE

Aug 2024

- Sole developer of the only currently existing latest upstream Linux 6.1 series long-term support kernel with full hardware support for the ARM64 Cool Pi CM series Rockchip devices (e.g. Cool Pi CM5 GenBook v20, single-board computers, etc)
- Actively follows upstream as well as SoC manufacturer and device-specific patches, at times patched for compatibility
- Exists on a self-hosted, custom-configured Git repository: <https://projectsourcebridge.com/git/explore/repos>

Feb 2025

PROJECT SOURCE BRIDGE INITIATIVE FOR VARIOUS ARM/ARM64 DEVICE HARDWARE

- Made an independently-ran project providing Linux solutions for various hardware: <https://projectsourcebridge.com/git>

ADDITIONAL

Technical Skills: Advanced in HTML, CSS, Git, Apache Subversion/HTTP Server, Microsoft Windows, Apple macOS, Linux (e.g. Red Hat Enterprise Linux, Ubuntu, Debian), Unix (Oracle Solaris), Bash/Shell script; proficient in JavaScript, Docker; beginner in C and ReactJS

Languages: Fluent in Spanish, English

Training: Online Bootcamp in JavaScript, HTML, and CSS (Freemote)

REFERENCES

Pedro Martin

Supervisor and Owner of Simple Tech

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Arthur A Jones III

Diagnostic Radiologist at Birmingham Radiological Group, P.C.

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PLTW Cybersecurity/IT Fundamentals Teacher at Vestavia Hills High School

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