

Nathan Abney 360 Elk Creek Dr (513)-464-3743
Software Engineer Trenton, OH 45067 Nathan.Abney2002@gmail.com

Education

Miami University, Oxford OH.
BS in Software Engineering
Senior, 3.80 GPA
Graduated: May, 2024

Relevant Employment

Applied Research Associated | May, 2024-Present

- Computational Technical Intern
- Work within the Applied Electromagnetics Division. Simulation management.

Relevant Skills

Object-Oriented Languages (Python, Java), Linux-based systems, Gitlab, Github, AGILE, HTML, CSS, SQL, AWS DevOps, EC2, Openstack, Docker, Javascript, API calls, Bootstrap, Version control systems, Test Cases, SDLC.

Relevant Courses

Software Quality Assurance and Attributes		Data Structures
Software Architecture and Design		Intro to Software Engineering
Software Requirements	Systems I	Algorithms
Software Construction	Software Requirements	Databases

Projects

[Website](#) (Professional Resume Website) [nathanabney.github.io/Website/]

- A simple website being hosted on Github pages utilizing HTML and CSS.

Website (Senior Design Project)

- A tournament management website for the Church of Nazarene Softball Tournament.
 - Hosted on an EC2 instance using react, next.js, and sqlite.
 - Primarily, I worked on migrations towards AWS and MySQL

Course Project (Systems I)

- Made a functional online 2 player Tic-Tac-Toe server and client with a classmate in C++ using the C++ web sockets to link clients through the network.

[Extinction's Edge](#) (Free Time)

- A top-down rogue-like game that's available on Itch.io made in Godot using GDScript and good programming practices.

Extracurricular Activities

Marching Band | 2014-2019

- Section leader in the pit orchestra for Edgewood Marching Cougars in 2018, 2019.