

NATHANAEL MATHIEU

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EDUCATION

Wesleyan University May 2020
Bachelor of Arts Middletown, CT
Major: Computer Science Overall GPA: 3.60
Minor: IDEAS: Integrated Design, Engineering, and
Applied Sciences – Computer Concentration
Activities: Men's Rugby Team – Captain, Outing
Club – Trip Leader

PROFESSIONAL EXPERIENCE

Development Intern July 2019 – August 2019
The Echo Group Conway, NH

- Enhanced the iPad and Tablet user experience of a React web application with a Java Backend
- Improved the efficiency of the existing code base by memoizing functions using the latest version of React
- Revamped the usability of various forms and pages using CSS styling and JSX
- Working with Agile methodology using Jira and Bitbucket

Substitute Teacher March 2017 – Present
MSAD 55 Hiram, ME

- Leading an elementary school classroom of ~20 students in mathematics, reading, and writing activities
- Working 1 on 1 with students on behavioral plans and with special needs to facilitate greater learning
- Facilitating activities safely within the Physical Education program such as basketball, skiing, and sledding

Studio Assistant Sept. 2018 - Present
Engineering Studio Middletown, CT

- Training students in the use of power tools, laser cutters, 3D printers, and soldering irons
- Advising students facing electrical and mechanical design challenges to achieve their design goals

ADDITIONAL EXPERIENCE

Developer and Admin January 2019 - Present
Wescam Middletown, CT

- Rebuilding the Python-based Stack with a RESTful API
- Coordinating with other administrators and developers on a Django powered web application
- Deploying a web application using Nginx on a Linux Server AWS EC2 instance
- Dockerizing the existing application for easier development and deployment
- Managing feature upgrades using GitHub Issues

Match Secretary Jan. 2018 – Dec 2018
Wesleyan Men's Rugby Middletown, CT

- Scheduling games, buses, trainers, and other logistical work for the team
- Communicating with other teams, referees, and school administrators to ensure the team's needs are met

SKILLS

Programming Languages

Python	Advanced
JavaScript / React	Intermediate
Java	Basic
CSS / SASS	Intermediate
C	Basic

Development

Django	Intermediate
Git	Advanced
PostgreSQL	Basic
REST	Basic
AWS – EC2	Intermediate
Nginx	Intermediate
Docker	Intermediate

Software

Bitbucket / Jira	Intermediate
Adobe Illustrator	Basic
SolidWorks	Intermediate