

# Brooklyn Welsh

## Full Stack Software Engineer

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### PROFESSIONAL EXPERIENCE

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#### CACI INTERNATIONAL INC.

Rome, NY (Remote)

##### Full Stack Web Developer

Feb. 2021-Present

- Secured extended contracts and funding for CACI by leading a team of 3 interns on a scheduling and event visualization app for a DoD customer.
- Provided code reviews and feedback to interns in an Agile environment to ensure code quality and meet customer requirements.
- Created a new contract opportunity for CACI by pioneering a proof of concept app which integrated a NodeJS app with a Cyber Operations program developed by another company. Communicated with their dev team and CACI managers to stay informed on architecture, request or clarify app capabilities, and submit bug reports.
- Developed an app in an Agile/Scrum environment, which integrated with a suite of apps written in Java, Python, and JavaScript. Utilizes SQL stored procedures, functions, triggers, etc. to ensure efficient and strict adherence to the data model required.
- Improved code maintainability by implementing unit and integration tests on an existing project using Mocha and Sinon. Wrote Selenium tests to ensure functionality of the frontend.
- Supported an R&D contract by creating a suite of Python scripts which reads in a remote SQL schema, generates randomized queries categorized by runtime complexity, and runs them against the database while gathering performance data.
- Implemented Gitlab CI/CD changes to run installation, testing, linting, and documentation generation steps in parallel, cutting pipeline run time and resource usage by ~50%.

#### UNIVERSITY OF LYNCHBURG

Lynchburg, VA

##### Linux/Unix Internship

2019-2020

- Ensured department Linux machines were up to date with latest security updates.
- Maintained department website, including backups, migrations, security, and all site updates.
- Wrote scripts in both Bash and Perl which were executed for every new user created on the machine as part of user account management.
- Worked as a team with one other intern to carry out any administration tasks set out by the professor each week and maintained documentation of steps needed to reproduce.

### EDUCATION

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#### UNIVERSITY OF LYNCHBURG

Lynchburg, VA

*Bachelor of Science, Major in Computer Science*

2013-2020

### SKILLS

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- Languages: JavaScript/TypeScript, SQL (PostgreSQL), HTML/CSS, Python, Java, Bash
- Frameworks/Libraries: Node.js, React, Next.js, TailwindCSS, Svelte/Sveltekit, LESS, Vue.js, Express, Selenium, Mocha, Sinon
- Tools: Git, Linux, Docker, Gradle, Maven, JIRA, Gitlab CI/CD