

Justin Campbell

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EDUCATION

Bachelor of Science, Computer Science, Plymouth State University

Sept 2016 - May 2020

Minors: Cybersecurity, Mathematics

GPA: 3.62

President's List: Fall 2018, 2019; Spring 2019

Dean's List: Spring 2017, 2018, 2020

Relevant Courses: Algorithms, Operating Systems, Software Engineering, Database Management, Web Programming, System Analysis, Linear Algebra, Architecture, Human-computer Interaction

EXPERIENCE

SCM Digitalization Intern, Freudenberg-NOK, Ashland NH

June 2021 - Present

- Work with the Operations team to design and develop internal applications using Python and SQL in Ignition. Talked with the operators consistently to receive feedback on the UI/UX and to help find bugs. Created different dashboards using Power BI to display relevant information to different teams and machine operators. Implemented different kinds of technology, like Raspberry Pi's, to help reduce costs and increase production.

ITS Help Desk Associate, Plymouth State University, Plymouth NH

August 2019 - May 2020

- Helped students, faculty, and public patrons with computer issues in person and on the phone. Created multiple troubleshooting tickets for users and kept a 75% "closed first call" ratio. Reset passwords and troubleshooted other login issues. Provided support for our learning management system Moodle. Maintained a 5 out of 5 star rating on our live chat platform.

SKILLS

Languages: Java, Python, Node.js, SQL, HTML, CSS, PHP, JavaScript, Chapel, LaTeX

Databases: MySQL, Microsoft SQL Server, and MongoDB

Libraries and Frameworks: Bootstrap, Halfmoon, and Express.

Technologies: GitHub, GitLab, Heroku, and Figma

Adobe Creative Suite: Photoshop, Illustrator, and Premiere.

Operating Systems: Windows, MacOS, iOS, and Linux.

PROJECTS

Deadweight

github.com/faalqt/deadweight

Deadweight is a minimalist calorie tracking web app. The stack consists of MongoDB, Express, EJS, and Node.js. Uses Bootstrap for a responsive layout, Chart.js to display information, Heroku for hosting, and uses sessions to have users stay logged in.

Photo Album

Paired with one other student during our software engineering class, we created a Photo Album application using Java, JavaFX, and XML. Implemented multiple design patterns to accomplish different sections of the project. GitHub was used for version control, feature planning, and issue tracking.