Avery N. Burne

Full Stack Web Developer

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GitHub: https://github.com/averyburne
LinkedIn: https://www.linkedin.com/in/averyburne

Skills:

Front-End: HTML, CSS, JavaScript, React, Bootstrap

Back-End: Python, Ruby on Rails, Node.js, Express.js, SQL, MongoDB, RESTful APIs

Other Technologies: AWS (Lambda, S3, Elastic Beanstalk), Git, Heroku, Cloud Foundry

Work Experience:

General Assembly, Boston, MA — January 2020 – April 2020

Software Engineering Immersive Fellow (12-week, 500+ hour coding bootcamp)

Projects include:

- A full MERN stack project that allowed users to view and share memes, built using HTML, CSS, React, Node.js, Express.js, and MongoDB
- A full stack web application for keeping track of bucket list data including their locations, built using JavaScript, HTML, CSS, Node.js, Express.js, MongoDB, and Google Maps
- A full stack web application that kept track of weightlifting stats, built using JavaScript, HTML, CSS, Bootstrap, Handlebars, Ruby on Rails, and PostgreSQL
- Browser version of tic-tac-toe, built using JavaScript, HTML, CSS, and Bootstrap

KanPak LLC, Southbury, CT

Strategic Development Engineer — May 2018 - January 2020

- Worked with Senior Software Developer to build the dispenser database web page and to set up lambda functions in AWS
- Transferred internal machine database from MS Access to MySQL
- IoT Dispenser project planning and presentation to senior management
- Developed technical specs, functional specs, and project schedules

Engineering Intern — June 2014 - August 2017

- Inspected new dispensers that came in from manufacturing location
- Maintained company's internal database and set up Cloud backup

Newport Academy, Bethlehem, CT

Math and Technology Teacher — September 2020 - Present

- Taught material to students in both high school and college level computer science classes
- Assisted students with Mathematics ranging from Algebra to Calculus

UConn Research Lab, Storrs, CT

Research Assistant — August 2017 - May 2018

- Tested the effects of polymers on the movement of Protists through soil
- Used ImageJ software to render long exposure images of Protist flow and water drying rate

Education:

University of Connecticut School of Engineering Storrs, CT — Class of 2018

Degree: Bachelor of Science in Chemical Engineering