Avery N. Burne

burneav@gmail.com · (860) 483-0591
Watertown, CT, 06795
GitHub: https://github.com/averyburne
LinkedIn: https://www.linkedin.com/in/averyburne

Full Stack Software Developer with a background in Chemical Engineering. With software, I am able to see changes immediately and can easily trace back the issues to their source. I thrive when working as part of a group and when solving complex problems.

Skills:

HTML, CSS, JavaScript, Bootstrap, Handlebars, ReactJS, MATLAB, Node, Ruby, Ruby on Rails, ExpressJS, SQL, MongoDB, Heroku, Git, AWS (Lambda, DynamoDB, RDS, S3, Elastic Beanstalk), SolidWorks, AutoCAD, ImageJ

Work Experience:

General Assembly, Boston, MA   January 2020 - Present

Software Engineering Immersive fellow (12 week, 500+ hour course)

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

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 server-side lambda calls in AWS
- ➢ Internet of Things (IoT) Dispenser project management
- ➢ Developed technical specs, functional specs, and project schedules
- ➢ Interacted with both customers and vendors for both projects and general inquiries

Engineering Intern   June 2013 - August 2017

- ➢ Inspected new dispensers that came in from China
- ➢ Added circuit boards to fully mechanical machines to increase functionality

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
- ➢ Analyzed the data on the Protist movement and water drying rate

Education:

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

Degree: Bachelor of Science in Chemical Engineering