# Avery N. Burne

Full Stack Web Developer

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GitHub: https://github.com/averyburne
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## Skills:

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

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

**Cloud:** AWS (Lambda, S3, Elastic Beanstalk), Cloud Foundry, Kubernetes

## Work Experience:

**General Assembly,** Boston, M — January 2020 – April 2020

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

**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 Access to MySQL
- Internet of Things (IoT) Dispenser project management 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 China
- Installed circuit boards, transformers, and relay switches to mechanical machines to increase functionality

**Newport Academy,** Bethlehem, CT

***Math and Science Tutor*** — September 2020 - Present

- Assisted students with Mathematics ranging from Algebra to College Calculus
- Taught material for Science and Technology courses

**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