CALVIN CURNUCK
Software Engineer

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PERSONAL STATEMENT

Detail-oriented software engineer with a keen eye for details and knack for problem-solving. Looking to continue improving my skills by learning new technologies and overcoming the challenges they may bring.

PROJECTS

Lagerd | *(Ruby / React / Redux / Rails 5 / AWS / Postgres)*   **live** | **github**

A Full Stack beer-focused social media app inspired by Untappd. Users can build a community through check-ins and comments or they can use them to "collect" beers with a clean, easy to use interface.

- Optimized backend server requests through model level associations and ActiveRecord queries to decrease loading times.
- Utilized custom validation using Ruby's Date class to ensure users were of an appropriate age.
- Attained better user experience and interaction by implementing comments and likes on beer check-ins.

dinder | *(MongoDB / Express.js / React / Redux / Node.js / CSS)*   **live** | **github**

A group decision-making app that answers the question: where should we get dinner tonight?

- Leveraged custom backend routes to allow users to log in to their session without the need for an account by entering a randomly generated six-digit code linked to their session and email.
- Distributed emails through Nodemailer to send codes and winning restaurants to all emails in the session.
- Integrated the Yelp API to generate restaurants fitting the user's criteria.

Browser Battles | *(JavaScript / HTML / Canvas / CSS)*   **live** | **github**

A fun turn-based battle game inspired by the classic Pokemon combat.

- Implemented boolean flags to allow animations to complete before beginning the next turn, thus keeping players more engaged.
- Rendered battle texts dynamically to show all damage and health.
- Established dynamic classes, allowing users to choose a browser and have different playing experiences with no changes to the game logic.

EXPERIENCE

Student

App Academy   Nov 2019 - Mar 2020

- Acquired a diverse set of skills including the MERN stack and Ruby on Rails with React.
- Collaborated with classmates daily on projects and pair programming.

Estimator

Tru Sheetmetal Inc.   Mar 2015 - Sept 2019

- Redesigned estimating protocol using new software to cut estimate time by 10% and increased accuracy by 15%, leading to increased profits and reduced cost.
- Completed over 500 estimates per year resulting in boosted revenue and increased company exposure, resulting in more overall requests for work.
- Interfaced with contractors and sub-contractors to ensure there was no estimate overlap and the entire scope of work was covered.
- Analyzed thousands of pages of specifications per bid to ensure all costly errors are avoided.

SKILLS   JavaScript, Ruby on Rails, React, Redux, MongoDB, Express.js, Node.js, AWS, Git, PostgreSQL, SQL, CSS3, Canvas, HTML5

EDUCATION

AppAcademy - 1000+ hour immersive full-stack web development course with < 3% acceptance rate.   Winter 2019

University at Buffalo - *BA Economics*   *2010-2014*