

Ryan Rasmussen

Denver, CO

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PROFESSIONAL SUMMARY

Graduate of UW Madison's full stack software engineering bootcamp. Experienced in PERN/MERN stacks, REST APIs, and working in team/solo software development environments using Agile workflow. Pivoting from the biological sciences to pursue a career of problem-solving and life-long learning.

EDUCATION

UW Madison

Certificate in Full Stack Engineering

Madison, WI

10/21 - 08/22

Relevant Courses: Backend Development and APIs, JavaScript and Frontend Development, React and Redux, Principles of Programming in Python, SQL and Data Modeling

UW Madison

Bachelor of Science - Biochemistry

Madison, WI

09/15 - 05/19

SKILLS

Languages and tools: HTML, CSS, SASS, Javascript/Node.js, TypeScript, Python

Frameworks: React.js, Redux, Express.js, Flask

Database: PostgreSQL, MySQL, Sequelize, Node Postgres, MongoDB, Mongoose ORM

Other tools: Git, GitHub, Heroku, REST APIs, Jest, VSCode, Jupyter Notebooks, Agile

PROJECT EXPERIENCE

YouBetcha

- Worked in a small team to design and build a full stack application that allows users to make simulated bets on real baseball games
- Responsibilities included database design, real time data integration from a REST API, REST API backend design, microservice architecture, front end styling with MaterialUI, cloud and deployment via Heroku
- **Technologies Used:** PostgreSQL, Express.js, React.js, Node.js, Node Postgres ORM, The Odds API, Heroku, Heroku Scheduler, Material UI, GitHub/Git, Auth0, Trello

Huddle

- Cooperated with a partner to create an intuitive UI and data-displaying components revolving around local storage, resulting in a daily-updating player-guessing game based on Wordle
- Focused on styling with React-Bootstrap, data integration with SportsData.io, communication with users, and correction based on feedback. Iterated upon the initial design upon collecting user feedback to improve the user experience over time
- **Technologies Used:** React.js, Node.js, Express.js, GitHub/Git, React-Bootstrap, SportsData.io API, Heroku

PROFESSIONAL EXPERIENCE

Dermatopathology Northwest, Bellevue, WA

11/19 - 06/21

Grossing Technician

- Accurately accessioned, grossed, and performed data entry for thousands of patient samples during unpredictable workdays by precisely following lab protocol, resulting in consistently-high performance reviews
- Oversaw daily shipments of resources and slides to customers throughout the Pacific Northwest, keeping regular logs and recordings to ensure accurate and quick deliveries

Abbott Laboratories, Abbott Park, IL

Laboratory Technician

05/17 - 08/17

- Worked closely with hazardous materials in a biosafety level 3 lab, producing hundreds biochemical assays daily for testing on molecular diagnosis instruments, resulting in consistent praise from management
- Created a supply-management and organization system and used it to track supplies relevant to the entire department
- Tested chemical assay labels and determined what brands to use in the future, resulting in the company switching labeling according to my test results