

# Ryan Rasmussen

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## PROFESSIONAL SUMMARY

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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 lifelong learning.

## EDUCATION

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### 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

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**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

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### 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

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### 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

05/17 - 08/17

#### Laboratory Technician

- 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