



JEFF ROSEN

 jeffrosen.io

 jeffrosen1092@gmail.com

 443-789-7519

 github.com/agusterodin

Professional Experience

Front-End Software Engineer @ CarbonReach

FEBRUARY 2019 – PRESENT

- Designs, implements, and deploys sophisticated data analysis web experiences while maintaining a tight feedback loop with project stakeholders and in-house data analysts.
- Researches and coordinates the implementation of a design system, emerging JavaScript libraries, architectural best practices, and testing solutions.
- Participates in Agile Scrum development methodology to facilitate teamwork, optimize adaptation to evolving project requirements, and deliver reliable software at a rapid pace.

Teaching Assistant @ University of Maryland

SUMMER 2018

- Provided students with assistance in a full-stack JavaScript web development course.
- Updated and improved lecture slides and code examples through peer review.
- Graded and provided constructive feedback on projects, presentations, and exams.

Skills & Interests

Languages

HTML, CSS, JavaScript, TypeScript, Go, Java, C++, Python, SQL

Frameworks & Libraries

React, Next, XState, Redux, Redux Toolkit, Framer Motion, Tailwind, Jest

Other

Design Systems, Figma, Illustrator, Node, Shell Scripting, Git, Docker, AWS, Android, Unity

Personal & Freelance Work

Pixelboard

[↪ VIEW PROJECT](#)

Image sharing platform built with React, Next, Redux, Tailwind, Go, and Postgres. Identity federation powered by Google Identity Platform.

Diversified Technologies

[↪ VIEW PROJECT](#)

Promotional company website built with Next and Tailwind. Dynamic content powered by a headless CMS and incremental static regeneration. Highly optimized for search engine visibility.

Lockjaw

[↪ VIEW PROJECT](#)

Tetris rendition for Android with competitive online leaderboards. Self-produced trap and chiptune inspired soundtrack.

Education & Certifications

University of Maryland, College Park

JANUARY 2015 – DECEMBER 2018

Bachelor of Science in Computer Science

AWS Certified Developer (2016–2022)

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AWS Certified DevOps Engineer (2019–2022)

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