

Matthew Hamel

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EDUCATION

Bachelor of Science (B.S.) in Computer Science

California State University East Bay, Hayward, CA

Graduation: July 2021

Associate of Science (A.S.) in Computer Science

Las Positas Community College, Livermore, CA

Graduation: May 2018

EXPERIENCE

Freelance Web Developer

July 2021 to Present

Self-Employed, San Ramon, CA

- Managed development and maintenance of cutting-edge websites and apps, utilizing a comprehensive skill set in front-end and back-end technologies, including HTML, CSS, JavaScript, Bootstrap, SASS, Express.js, and React.
- Collaborated closely with clients through in-depth consultations, ensuring a thorough understanding of their unique requirements.
- Translated client specifications into meticulously crafted websites, emphasizing a commitment to delivering clean, innovative, and visually captivating digital solutions.

Code Coach (Tutor)

November 2016 to July 2021

at theCodersSchool, San Ramon, CA

- Developed tailored curricula for students aged 8 to 18, integrating engaging code projects to impart essential concepts in logic, data structures, problem-solving, and object-oriented programming.
- Provided comprehensive instruction to students, emphasizing best practices in various programming languages and technologies, including C++, C#, Java, Python, web development, Unity Engine, and Android Studio.
- Collaborated seamlessly with colleagues as a team player, offering assistance with troublesome projects and actively participating in collaborative initiatives, including summer camps.
- Played a leading role for 70% of the time during the summer camps while providing support for the remaining 30%. Contributing to an estimated 25% increase in post-camp student retention – a testament to leadership and a commitment to enhancing the learning experience.

PROJECTS

Ramble Rumble | A Wordle-Inspired Tile Letter Web Game

Link: <https://ramblerumble.matthewhamel.dev> | **GitHub:** <https://github.com/MDHamel/ramblerumblev2>

- Crafted with a harmonious blend of HTML, JavaScript, CSS, Bootstrap, and React.js creating a visually appealing web application.
- This innovative application addresses the replayability aspect, a facet overlooked in the original game, enabling players to interact with the web application throughout the day.
- Offering two engaging game modes accessible on mobile and desktop devices, Ramble Rumble provides users with an immersive and dynamic gaming experience that can play endlessly.

Focus Flow | A Pomodoro-Based Timer Web Application

Link: <https://focus.matthewhamel.dev> | **GitHub:** <https://github.com/MDHamel/FocusFlow>

- Designed a productivity-centric timer inspired by the Pomodoro studying technique, designed to merge visual appeal with high customizability. Aimed at fostering sustained focus and preventing burnout.
- Empowers users with the flexibility to customize work and break lengths tailored to their preferences and productivity needs.
- Offers a diverse range of themes to cater to individual aesthetic preferences.

SKILLS

Programming Languages: Java, Python, C/C++, C#, JavaScript, TypeScript, HTML, CSS, SASS, SQL

Libraries & Frameworks: React.js, React Native, Node.js, Express.js, Django, Python Pandas, NumPy, jQuery, Redux, BeautifulSoup

Developer Tools: Git, Android Studio, Unreal Engine, Unity Engine, Qt, Linux/Unix