Matthew Wellendorf
Software Engineer

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SUMMARY

Entry-level Software Engineer experienced in using **HTML** and **CSS** to build **responsive** web applications and eager to use **React**, **Javascript**, **Node.js** and other technologies to solve complex problems and make meaningful contributions.

Technical Skills: React, Javascript, HTML, CSS, Git, SQL, Typescript, TailwindCSS, Node.js, Jest, Next.js, Express.js, MongoDB, Firebase, .NET, C#, UI, UX

EDUCATION

Southern New Hampshire University - Bachelors Of Science In Computer Science
October 2022 - April 2024, Cumulative **GPA**: **3.9**

University of California Irvine - Bachelors Of Science In Biological Sciences
October 2017 - June 2021, Cumulative **GPA**: **3.1**

EMPLOYMENT

Geaux Network, Full Stack Developer Intern Link
November 2023 - Current
- Revamped and enhanced the functionality of 5 indispensable web pages, driving notable improvements in **user experience**
- Reconstructed numerous web pages, boosting user engagement and showcasing proficiency in industry-standard **responsive design** techniques
- Leveraged **Firebase** and **React** to establish robust user authentication mechanisms, safeguarding sensitive user data and mitigating potential risks effectively
- Collaborated with a team member to resolve a critical error that prevented work on the codebase for 3 weeks.
- Contributed actively to weekly team meetings of 8 individuals, offering invaluable support to colleagues and showcasing expertise in software engineering principles

PROJECTS

Goth Ecommerce Website: Link
August 2023 - March 2024
- Developed a full stack ecommerce application using **React** for the frontend shopping experience and **Node.js** to host the backend server, integrating the Stripe API for payment processing
- Established secure authentication with **JWT** and **bcrypt** to encrypt passwords and HTTP cookies
- Enabled users to filter products by price or category, add items to cart, process shipments through the Stripe API, manage order history, user wishlist, and update user information

Password Manager: Link
May 2024 - June 2024
- Developed a password manager using the **.NET** framework and **Microsoft SQL Server,** enabling users to add, manage, edit, and delete stored passwords
- Implemented password generation to create passwords between 1-64 characters long with filters for numerical, lowercase, uppercase, and special characters to indicate password strength
- Utilized **C#** for backend operations such as routing, cookie authentication, password generation, password management, and **jQuery** for dynamic client-side DOM manipulation.