JOSEPH PATE

Front-End Engineer | UI/UX Designer

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EDUCATION

Bachelor's of Computer Science
Brown University

📅 2019 - 2024   📍 Providence, United States

- Relevant Coursework: Object-Oriented Design, Algorithm & Data Structure Design, Computer Systems, Software Engineering, UI/UX, Machine Learning

EXPERIENCE

Front-End Engineer
For Health Consulting

📅 09/2024 - 05/2025   📍 Worcester, MA

- Designed prototypes/mockups and then helped to implement them for 4 new domains under ForHealth Consulting, ensuring brand consistency
- Ensured sites were accessible and user-friendly, resulting in SEO scores of 90+ according to site analytic tools and as measured against WCAG level AA standards

Front-End Engineer Intern
UMass Chan Medical School IT

📅 08/2023 - 02/2024   📍 Worcester, MA

- Redesigned the UMass Chan IT website using user feedback and best practices in UI/UX, boosting engagement and improving accessibility as measured by Core Web Vitals
- Conducted research and delivered a presentation on accessibility, SEO, and Google Core Web Vitals, leading to greater awareness and implementation of best practices

Software Engineer Intern
International Gaming Technology (IGT)

📅 06/2022 - 09/2022   📍 Providence, RI

- Collaborated with IGT's IPS backend dev team on the Aurora - Core Lottery System, contributing to the development of core services and data, ensuring integration with key functionalities
- Tested and validated IGT software products to ensure quality and reliability, identifying and resolving critical issues to improve system performance

Technical & Project Management Intern
Noodle

📅 06/2020 - 01/2021   📍 New York, NY

- Enhanced the company's online presence by managing WordPress and Webflow platforms and supporting back-end systems, improving site functionality and performance
- Co-led a team of technical interns, utilizing Agile Scrum methodology to streamline project workflows and ensure timely delivery of development tasks

SUMMARY

A Brooklyn based front-end engineer and UI/UX designer who is passionate about creating innovative, intuitive, and scalable solutions focused on user needs.

KEY ACHIEVEMENTS

📈 **SEO Performance Boost**

The UMass Chan IT site earned a 97/100 on Google's Core Web Vitals—an outcome driven by my work on its design and front-end implementation

📈 **Industry Leading Performance**

The NCWS site outperformed the industry benchmark by 15 points (80.4) across accessibility, QA, and SEO—driven by my work on its build and implementation

💎 **Client Satisfaction Goal**

Delivered 5 web design projects on schedule, achieving 100% client satisfaction by meeting all design requirements and deadlines.

PROJECTS

🔧 **ForHealth Consulting Domains**

Collaborated with cross-functional teams to design and launch a modular webpage template, deployed across 4+ sites, increasing consistency and maintainability. Check out one of the sites here.

🔧 **UMass Chan IT Redesign**

Worked with the UMass Chan IT team to design hi-fi mockups and prototypes, and then helped to build and style the newly redesigned UMass Chan IT site.

🔧 **UI/UX Portfolio**

Built a digital portfolio consisting of 3 UX case studies completed during a UI/UX design course, demonstrating skills in user research, user-flows, storyboards, wireframes, prototyping/mockups, and visual design for web accessibility. Explore my portfolio here.

SKILLS

HTML CSS SASS JavaScript Typescript Java

JSON React Python Balsamiq Figma Photoshop

Illustrator Full-stack Development UI/UX (web/mobile)

Accessibility (WCAG 2.1) SEO A/B testing

Agile Software Development Computer Mentoring