

Bryan Phan

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EDUCATION

University of Washington

Seattle, Washington

Bachelor of Science in Informatics

Graduated June 2023

- **Related Coursework:** Data Structures & Algorithms, Client-Side Development, Server-Side Development, Web Programming, Cooperative Software Development, Database Systems, Object-Oriented Programming, Data Programming, Software Design & Implementation, Foundational Skills for Data Science.

EXPERIENCE

Software Developer

January 2022 – June 2022

CuriosityBased

- Architected, designed, implemented, tested, and delivered highly scalable products.
- Refactored, automated, and scaled the 7 Forms of Respect tool, achieving a 98.33% reduction in generation time
- Integrated Stripe for seamless monetization, enhancing the tool's commercial capabilities.
- Mastered the development process, culture, and code base, then improved it.

Teaching Assistant

January 2022 – June 2022

University of Washington Information School

- Delivered weekly instructions to a cohort of 35 students on server-side development.
- Collaborated with a dynamic teaching team to craft innovative course material and timeline for relevant coursework.
- Provided comprehensive support by addressing student inquiries regarding course content and logistics.

PROJECTS

Software Engineer

Masis Contractor

June 2024 - July 2024

- Collaborated with a client to architect and develop a web application for their contracting business. The application features dynamic content rendering for company information and services, and includes a contact form that leverages email integration to directly route user inquiries to the company's email system.
- Utilized React.js, JavaScript, HTML5, and Tailwind CSS to design a highly responsive and intuitive user interface.

Software Engineer

February 2024 – May 2024

Out The Box Sneakers

- Engineered a high-performance e-commerce platform for sneakers, facilitating user account creation, profile management, and advanced search and filtering capabilities for sneaker purchases.
- Leveraged React.js, JavaScript, HTML5, and Tailwind CSS to develop a responsive and intuitive front-end interface.
- Employed Supabase for scalable database management and robust user authentication, ensuring data integrity and security.
- Integrated Stripe API for secure and efficient payment processing, optimizing the checkout workflow and enhancing user experience.

Software Engineer

February 2023 – March 2023

Campus Paths

- Implemented a full-stack application to compute the shortest path between buildings on the University of Washington campus.
- Engineered the front-end using React.js, TypeScript, and HTML5/CSS to deliver a highly interactive and dynamic user interface with real-time updates.
- Employed Java and Spark Java for the back-end, leveraging efficient data processing and database interactions to optimize pathfinding algorithms and route computations.

SKILLS

Languages & Frameworks: Java, JavaScript, React.js (with Redux), Next.js, HTML, CSS, Tailwind CSS, Node.js, Express.js, TypeScript, Python, SQL

Tools & Technologies: Visual Studio Code, Git, Supabase, MongoDB, Postman, Figma, Google Apps Script, AWS