Binh Pham

Seattle, WA | (206)-586-5604 | binhnguyenthanhpham@gmail.com

linkedin.com/in/binh-pham | Binh-SPU.github.io

QUALIFICATIONS

- Over 2 years of experience with C++, Java and 1 year experience with JavaScript, HTML/CSS, SQL, and Rust.
- Proficient with this software: Visual Studio Code, Clion, React Native, Expo Go, Git, AWS, and Postman.
- Possessed a comprehensive understanding of Object-Oriented Programming, Data Structures and algorithm and ingrained a customer/end-user obsession.
- Developed and honed productive communication through successful completion of 10+ projects, ensuring seamless collaboration and achieving project objectives within established timelines.
- Facilitated SCRUM team collaboration, fostering efficient project execution through Agile ceremonies, such as daily stand-ups, sprint planning, and retrospectives in a cross-functional team environment.

EDUCATION

BACHELOR OF SCIENCE (B.S) IN COMPUTER SCIENCE   Expected December 2025

    Seattle Pacific University, Seattle, WA | GPA: 3.81

ASSOCIATE OF COMPUTER SCIENCE DTA   January 2020 - December 2021

    South Seattle College | GPA: 3.79

TECHNICAL EXPERIENCE

Full-stack Developer – Chef Compass (Project)   October 2023 – May 2024

- Developed and implemented offline caching for user authentication, seamlessly integrating the Google Password Verification API to enhance security via two-factor verification.
- Engineered core features such as recipe creation, recipe editing, a messaging platform, and a meal planner, utilizing multiple RESTful APIs to ensure robust and scalable functionality.
- Ensured the application was fully responsive and optimized for both iOS and Android platforms, through rigorous testing to deliver a seamless and intuitive user experience across all device.
- Collaborated with a talented team of 1 UX/UI designer, 1 tester, and 3 full-stack developers, employing agile methodologies to ensure efficient project management and successful delivery of a high-quality application on deadline.

Software Developer – Web Crawler (Project)   January 2024

- Developed a sophisticated web crawler application using JavaScript, capable of traversing breadth first search complex website networks and creating comprehensive web-link graphs.
- Implemented Dijkstra algorithms to compute the closeness centrality of each node within the web-link graphs, facilitating the identification of central websites within the network.
- Optimized performance by employing asynchronous processing techniques and leveraging parallelism with worker threads, significantly reducing processing time for intensive operations such as crawling and centrality calculation respectively.

Front-end Developer – Online Trading App In Showcase Competition (Project)   December 2022 - April 2023

- Incorporated React Native framework to build an intuitive online trading platform; incorporated login/register functionalities, offline caching capabilities, generating enhanced user experiences and improved data accessibility.
- Crafted an aesthetically pleasing UI layout using tailor-made assets, interactive forms, and captivating Lottiefile animations; drove a 30% increase in participant's attraction and a 15% improvement in judge satisfaction.
- Leveraged the push notifications API reference to simulate a modern message system on iOS devices.
- Initiated and managed a 6-member cross-functional (business, software engineer) team toward the successful advertisement of an e-commerce platform in a Social Venture Competition.

ADDITIONAL EXPERIENCE & EDUCATION

Food Service Worker

Seattle Pacific University, Seattle, WA   September 2022 – Present

- Greeting around 500 customers and serving food per service windows.
- Cooperated with a team of 10+ front-of-house members to maintain food safety and sanitation standards.