JUSTIN PHAM

Software Engineering Student

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Github | Linkedin | Website

EDUCATION

Bachelor of Science in Software Engineering - University of Calgary
September 2021 - April 2026

TECHNICAL SKILLS

Python - Java - C/C++ - HTML - CSS - Javascript - React - Angular - SQL - Git/Github - Google Suite - Linux - AWS

WORK EXPERIENCE

Coding Instructor - *Code Ninjas*   **June 2023 - Present**

- Orchestrated **30+** interactive coding sessions in Python and Javascript for a diverse student body, ensuring student comprehension and retention of programming languages.
- Mentored and assisted **30+** students in overcoming coding hurdles, leading to the development of **15+** unique coding projects showcasing student creativity and problem-solving skills
- Collaborated with a team of coding instructors to design and implement a dynamic curriculum. Evaluated curriculum effectiveness through student performance metrics, contributing to a **30%** improvement in student outcomes compared to previous seasons.

CLUBS AND EXTRACURRICULARS

Telemetry Team Lead - *Calgary Solar Car*   **October 2022 - Present**

- Managed a team of 9 students to design an interactive telemetry website for solar-powered vehicles using React, Angular, and TailwindCSS, expected to save the team significant weekly hours.
- Contributed to the development of an inventory management system tracking over **100+** items and streamlined content management, saving substantial time for team communications.
- Implemented an image editing and compression tool, reducing image sizes by over 40% and enhancing website performance.

Full Stack Developer - *Code The Change YYC*   **December 2023 - Present**

- Worked together with a team of 12 people to maintain and develop software using React, AWS, and Git, optimizing for speed and scalability.
- Developed UI/UX for a Hackathon Management Tool leveraging technologies such as NextJS, Amplify, and TailwindCSS.

TECHNICAL PROJECTS

Toolshed   **January 2024 - April 2024**

- Term group project for a tool and equipment sharing web application, allowing users to create, save, and share tools with the community.
- Utilized Google Maps API to collect geolocation data on users. Utilized cloud infrastructure AWS DynamoDB, Lambda, and SES. Developed unit and GUI tests through PyTest and Selenium.

480Airlines   **October 2023 - November 2023**

- Spearheaded development in a group project for course Principles of Software Design following Agile workflow principles
- Leveraged a modern tech stack including ReactJS, Springboot, and MySQL utilizing software architectures and design patterns.

PROFESSIONAL SKILLS

- Time Management
- Teamwork
- Communication
- Leadership
- Adaptability
- Attention to detail

Courses

- Object Oriented Programming
- Data Structures and Algorithms
- Full Stack Web Development
- Embedded Software and Hardware

- Probability, Statistics, and Machine Learning
- Database Systems
- Software Project Management
- Software Testing, Reliability, and Quality

VOLUNTEERING

Director of Events - *Vietnamese Students' Association*   **October 2022 - Present**
- Worked together with a team of 20+ students to plan and organize events celebrating Vietnamese culture and tradition.
- Hosted and led over **15+** events and volunteering opportunities with over **150+** attendees, ranging from activities such as Volleyball, bake sales, movie nights, and year end galas.

HONORS AND AWARDS

Jason Lang Scholarship - *University of Calgary*   **September 2023**
Alexander Rutherford Scholarship - *Alberta, Canada*   **June 2021**

CAREER GOALS

- Surrounded by smart, kind, and passionate people
- Build/join communities that encourage education and passion
- Keep writing code and stay up to date with the newest technologies

PERSONALITY

- Self-starter, adaptable and driven
- Comfortable architecting and leading development
- Excited to follow insightful leaders
- Passionate, life-long learner