

# Phuong Bac Nguyen

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## Education

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Seneca Polytechnic - Newnham Campus Toronto, Canada

Advanced Diploma of Computer Programming and Analysis (CPAC) Expect September 2026

## Technical Skills

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- Languages & Databases: JavaScript, HTML/CSS, C/C++, SQL (MySQL)
- Frameworks: Bootstraps
- DevOps: Git, GitHub, Jira
- Productivity Software: Microsoft Word, Excel, PowerPoint and Microsoft Teams
- \*Currently studying: NoSQL (MongoDB) , React, Angular, Node.js, AWS

## Projects

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**Portfolio Website** | JavaScript, HTML, CSS, Bootstrap, Remix Icons

- Engineered a dynamic front-end website, leveraging HTML, CSS and JavaScript, enhanced user experience and navigation, leading to a 30% boost in average session duration
- Utilised CSS Media Queries to adapt the website layout and styling to different type screen orientations, providing a consistent viewing experience across devices
- Applied Static Hosting Solution on GitHub to deploy website only with \$0 cost, while facilitated easy access and sharing portfolio with viewers and potential employers
- Link : [Bac's Portfolio](#) / [Bac Nguyen Profile](#)

**Healthcare Client Administration System** | C++

- Developed project using OOP techniques to structure the codebase, enhancing the readability for future updates, resulting in an adaptable system architecture
- Efficiently managed interactions between C++ program and Word/Excels files to record client data, resulting in a 50% deduction in time for data retrieval and storage processes while significantly decreasing manual errors.
- Implemented optimised algorithms for efficient data processing, resulting in faster response times.

**Package Delivery System** | C, C++, GitHub, Jira

- Optimised team workflow by implementing automation testing, resulting in a 70% reduction in bug-fixing time and a 25% increase in overall development efficiency
- Coordinated collaboration among 4 team members on GitHub, managing 2 code repositories and tracking 50+ versions to ensure the effective integration of features
- Applied the Agile methodology, specifically Scrum, to oversee progress weekly, facilitating timely delivery of milestones
- Leveraged Jira's Kanban Boards to visualise workflow and manage tasks clearly, improved project transparency, coordination, and documentation productively
- Utilised traceability matrix to link test cases to project requirements and monitor testing progress, ensuring 100% testing coverage and reducing documentation time by 70%.

## Work Experience

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**Stock Clerk (Supermarket)**

January 2023 - Present Toronto | Canada

- Organized and restocked shelves, ensuring products were neatly displayed to boost customer satisfaction and sales.
- Monitored inventory levels and replenished stock to maintain a well-stocked environment during peak times.
- Collaborated with team members to prioritize tasks, ensuring timely restocking and adherence to health and safety standards.

**Cafe Attendant**

May 2018 - January 2019 Hai Duong | Viet Nam

- Delivered excellent customer service, preparing and serving beverages and food promptly and accurately.
- Managed daily operations, including opening, closing, and cash handling, while maintaining a clean workspace.
- Boosted sales by upselling products and training new staff, fostering a cohesive team environment.