

Phuong (Julia) Pham

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EDUCATION

Dalhousie University

Bachelor of Computer Science (BCS) (CGPA: 3.99/4.30)

Halifax, NS

Sep 2023 - Aug 2027

EXPERIENCE

Software Developer Intern

May 2025 - Aug 2025

SpryPoint | Java, JavaScript, Play, Knockout.js, jQuery, Docker

Charlottetown, PEI

- Built and maintained 60+ Java classes for PDF report generation, enabling dynamic data mapping and improving implementation consistency across 5 water utilities.
- Led the production deployment of 10+ complex regulatory PDF reports that streamline ad hoc report creation by creating reusable renderer classes, cutting turnaround time for subsequent reports by 37%.
- Refactored 15+ PDF letter template based on customer requests, ensuring alignment with client specifications.
- Evaluated 20+ pull requests, providing actionable feedback to improve code readability and performance.
- Engaged in daily team discussions on technical approaches and priorities, helping align solutions with project goals during Scrum ceremonies.

Teaching Assistant

Sep 2024 - May 2025

Dalhousie University | Intro to Computer Programming, Computer Science, Web Development

Halifax, NS

- Supported over 150 students in formal labs and office hours by providing debugging support, answering questions, clarifying programming concepts, and giving detailed feedback on assignments.
- Collaborated with course professors and head teaching assistants to proctor assessments and deliver instructional support.

Web Developer Intern

Jun 2024 - Aug 2024

HCI4Good Lab at Dalhousie University | JavaScript, React, Node.js, Express.js, Sass, Framer Motion, i18n

Halifax, NS

- Collaborated with an 8-member team to develop a responsive, accessible web application.
- Implemented intuitive UI animations and streamlined data management across 5 web pages.
- Contributed to an Agile workflow by attending daily stand-ups, sprint planning, and retrospectives, ensuring timely delivery and helping prevent scope creep.

Cashier

Apr 2024 - Sep 2024

Wholesale Club

Halifax, NS

- Efficiently handled high-volume transactions during peak hours while providing adaptable, knowledgeable support, ensuring smooth checkout experiences and a welcoming, inclusive shopping environment that enhanced customer satisfaction.

PROJECTS

[Dal Microwaves](#) | React, Node.js, Express.js, PostgreSQL, Mapbox GL JS, TailwindCSS

Sep 2025 - Present

- Building a map web application that helps Dalhousie students to locate available microwaves on campus, with planned features for students to update conditions and add new locations.

[split-it](#) | Python, FastAPI, Docker, React, TailwindCSS

Aug 2025 - Present

- Developing a receipt-splitting web app that processes receipt images into structured JSON for automated, fair cost allocation among group members, with planned integration of AI-based image scanning and voice detection features.

[bath-time!](#) (Global Game Jam 2025) | Godot, GDScript, Inkscape

Jan 2025

- Collaborated in the development of a game by creating a maze minigame with player movement and escape mechanics, integrated into a core gameplay loop emphasizing lighthearted, humorous reminders about staying clean.

[Orrery Web App](#) (NASA Space Apps Challenge Halifax Winner) | Node.js, Express.js, React, Horizon API

Oct 2024

- Built a solar system simulator with a team of 5, contributing to the backend by fetching and preparing live planetary coordinate data to support real-time planetary motion, time stepping functions, manipulation of mass and velocity.

SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, PHP, SQL, HTML/CSS, GDScript

Frameworks/Libraries: React, Next.js, FastAPI, Node.js, Express.js, Knockout.js, Play, jQuery, Tailwind CSS, Sass, Bootstrap

DevOps/Cloud: Docker, AWS, CI/CD, Unit Testing

Developer Tools: Git, Postman, Jira, MySQL, PostgreSQL