Phuong (Julia) Pham

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EDUCATION

Dalhousie University   **Halifax, NS**
Bachelor of Computer Science (BCS) (CGPA: 3.99/4.30)   **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