

# ARYAMAN PANDEY

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## EDUCATION

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### Dalhousie University

Halifax, NS

Bachelor of Computer Science, **CGPA: 4.14/4.3**

Jan 2023 – Expected Jan 2027

- **Awards:** Sexton Scholar, Dean's List, Phi Delta Theta Academic Pathway Award, George B Robertson Scholarship

## EXPERIENCE

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### Software Developer Intern

May 2026 – Aug 2026

Royal Bank of Canada, Amplify

Toronto, ON

- Building a production-grade, agentic AI platform within RBC Amplify to streamline investment research and financial decision-making, as part of a team selected **1 of 68** from **15,000+** applicants

### Software Engineer Intern

May 2025 – September 2025

SpryPoint

Halifax, NS

- Reduced the loading speed of a DataTable by **90%** through indexing in a PostgreSQL database
- Improved data display and processing for users of SpryEngage product by implementing dynamic Knockout.js interfaces and Play Framework backend endpoints.

### Data Science Intern (Part-Time)

May 2025 – August 2025

Tripl Inc.

Halifax, NS

- Refined and sanitized raw travel blog datasets utilizing **Pandas** and **NumPy**, for 50k data points ensuring high data accuracy for critical internal reporting.
- Transformed unstructured blog text into clean datasets using Pandas, optimizing inputs for **Named Entity Recognition (NER)** to build customized trip itineraries.

### Software Developer Intern

May 2024 – September 2024

immediaC

Halifax, NS

- Designed secure **RESTful APIs** in **.NET Core** to manage backend user registration and authentication workflows
- Built a full-stack iOS app (SwiftUI, .NET) to replace web portal, providing easier real-time access to company surveys.

### Teaching Assistant & Marker: Software Development, Systems, Math

September 2024 – Present

Dalhousie University

Halifax, NS

- Led tutorials for **50+** students, improving student engagement and ensuring **90%** of students successfully met learning objectives in lab assignments.
- Instructed students on core software engineering principles, including **git**, **SOLID architecture**, **refactoring**, **defensive programming**, and **test-driven development**.

## PROJECTS

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### Scholarly | Typescript, Express.js, React, MySQL, Docker

June 2025 – October 2025

- Engineered secure **RESTful APIs** utilizing Express.js and MySQL to execute CRUD operations, establishing robust user authentication and session management protocols.
- Containerized the application architecture using **Docker** to guarantee cross-environment consistency, significantly reducing deployment friction and streamlining self-hosting.

## LEADERSHIP EXPERIENCE

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### President

September 2025 – Present

Phi Delta Theta

Halifax, NS

- Architected and deployed a centralized Notion workspace for the chapter, standardizing workflows and establishing a formal accountability framework for a 5-member executive board.
- Modernized organizational governance and drove chapter accreditation by auditing outdated bylaws, ensuring strict operational compliance with national fraternity standards.

## SKILLS

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**Languages:** Swift, Java, Python, JavaScript, HTML/CSS, C#, MySQL, C, C++

**Technologies:** SwiftUI, ASP.NET Core, Numpy, React, TypeScript, Express, Node.js, Pandas, Docker, AWS

**Certifications:** AWS Cloud Practitioner Certificate, Supervised Machine Learning Stanford Course