

Arunteja Kuchibhatla

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EDUCATION

Carleton University

Bachelor of Computer Science Honours | GPA: 4.0/4.0

Ottawa, Ontario

Expected Graduation: December 2026

TECHNICAL SKILLS

Languages: Java, Python, C++, C, SQL, TypeScript, HTML/CSS

Frameworks: Spring, Mockito, React.js, Node.js, JUnit, AWS CDK

Developer Tools: Git, Azure, Docker, Unix/Linux, Kubernetes, Jenkins, AWS, Postman, Jira

WORK EXPERIENCE

Shopify Inc.

Software Engineer Intern

- Incoming Summer 2025

May 2025 - August 2025

Toronto, Ontario

Carleton University

Teaching Assistant for Abstract Data Types and Algorithms

- Guided **600+** students in mastering data structures, algorithms and complexity analysis via office hours.
- Led exam review sessions and algorithm optimization workshops, contributing to **200+ A+ grades**.

September 2022 - December 2024

Ottawa, Ontario

Royal Bank of Canada

Software Engineer Intern - Financial Data Exchange

- Developed data exchange RESTful APIs in **Java** incorporating **JWT**, impacting **15M+** online banking users.
- Automated testing of core distributed services components with **100% JUnit test coverage** using Mockito.
- Engineered a **Spring WebFlux** orchestrator that triggers downstream services based on user interactions, reducing app load times by **50% (4s to 2s)**.

May 2024 - August 2024

Toronto, Ontario

Royal Bank of Canada

Software Engineer Intern - DevOps Engineering

- Automated onboarding by developing a service intake portal in React, increasing registered services by **35% QoQ**.
- Built a GitHub discovery integration using YAML path configs, replacing manual onboarding for **500+** entities.
- Developed a **Python** ETL pipeline to transform messy data, eliminating repeated Entra ID calls and reducing front-end load times by **40% (4s to 2.4s)**.

May 2023 - December 2023

Toronto, Ontario

PROJECTS

Code Spa VSCode Extension | TypeScript, Git

([GitHub](#))

- Developing a TypeScript VSCode extension integrating popular music apps for in-editor playback, featuring a dynamic UI that adapts visuals based on the active project's context.

Save Soil Outreach Bot | Python, Git

([GitHub](#))

- Developed a Python-based email bot that automatically contacts global leaders on soil preservation, streamlining outreach and boosting public awareness.

Nerd Express Taxi Game | C++, STL, Git

([GitHub](#))

- Developed an interactive taxi game with 2D map visualization and Manhattan distance for optimal pathfinding.
- Facilitated taxi assignment using a greedy algorithm, applying optimization mathematics to minimize wait times.

RaDoTech Health Monitoring Simulation | C++, Qt, SQLite, Git

([GitHub](#)) ([Demo](#))

- Developed a health monitoring system with real-time updates using the Observer design pattern.
- Implemented recommendation algorithms like collaborative filtering and regression models to analyze health data.

LEADERSHIP

Vice President Talent

Carleton University Blueprint

January 2025 - Present

Ottawa, Ontario

- Leading talent strategy and hiring of passionate volunteer developers across **10+** impact-driven nonprofit projects.