

Paul Airuehia

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EDUCATION

Carleton University

September 2021 – May 2025

Bachelor of Computer Science

Ottawa, ON

- **Major:** Computer Science Honours - Artificial Intelligence and Machine Learning Stream
- **GPA:** 11.7/12
- **Relevant Coursework:** OOP (Java), Data Structures (Java), Object-Oriented Soft. Eng. (C++), Computer Vision, DB Management (SQL), Web Apps (HTML/CSS/JS), Operating Systems, Linear Algebra, Calculus, HCI

EXPERIENCE

Test Automation Intern

May 2023 – Present

Immigration, Refugees, Citizenship Canada

Ottawa, ON

- Developed and implemented automated regression, acceptance, and unit tests in C# utilizing Selenium and NUnit within Visual Studio.
- Enhanced QA by collaborating with various teams to integrate user-story testing, test-case development, and large-scale data creation making use of Git and Azure DevOps to maintain the CI/CD Pipeline.
- Identified and documented defects, ensuring the timely detection of critical unidentified bugs.
- Contributed to enhancing our team's automation framework codebase and outdated scripts.

Computer Science Teaching Assistant

September 2022 – April 2023

Carleton University

Ottawa, ON

- Led multiple tutorial sessions of 30+ students, showing in-depth explanations for course material.
- Marked 50+ assignments weekly in Python/Java, providing detailed feedback to improve student understanding.
- Mentored first-year students, boosting their confidence and motivation to learn.
- Communicated with faculty to enhance teaching techniques, developing modern approaches for students' benefit.

PROJECTS

SnapShare | *JavaScript, Node.js, MongoDB, Express*

- Engineered a full-stack web app that supports media uploads, engagement, and user interaction.
- Designed a responsive UI using Bootstrap, focusing on modern aesthetics and a seamless UX.
- Implemented key features such as user registration, login authentication/sessions, and real-time photo upload.
- Utilized MongoDB to facilitate a large user base.

NoRelations | *Java, JUnit*

- Developed a Java Relational Algebra Compiler that supports relational operations similar to Relax by UIBK.
- Parsed string queries using string comprehensions and regex and returned the table result as a string or as a CSV.
- Used Log4j library for Logging and Google's Guava API for common utilities.
- Wrote unit tests using JUnit5 to test core features.

MyGymManager | *Java, MySQL, JavaFX*

- Designed and developed a Java application to manage gym member records and monthly payments.
- Crafted an intuitive JavaFX user interface streamlining data entry and retrieval.
- Utilized a MySQL database to store gym member data including monthly payments and user information.

TECHNICAL SKILLS

Skills: JavaScript, HTML/CSS, Java, Python, C/C++, C#, Kotlin, SQL (MySQL), MongoDB, Haskell

Frameworks: React, Node.js, Express.js, Bootstrap, Tailwind, Google Guava, NUnit, JUnit, Selenium

Developer Tools: VS Code, Git, Linux, IntelliJ, Visual Studio, PyCharm, Android Studio, MongoDB Compass

EXTRACURRICULAR SKILLS AND AWARDS

Non-CS Experience: Swiss Chalet(Lead Line Cook), The Keg(Line Cook), Canadian Tire Corp.(Warehouse Associate)

Non-technical Skills: Teamwork, Communication, Time-management, Problem-Solving, and Adaptability

Awards: Carleton Deans' Honour List(2), Walter A. Ainsworth Bursary, Henry Marshall Tory Scholarship