

Advait Risbud

(647) 679-0634 | advait.p.risbud@gmail.com | <https://www.linkedin.com/in/advait-risbud-629635284/>

Education

Carleton University
Ottawa ON

Bachelor of Computer Science

Expected Graduation, May 2026

- Courses: Web development, Database Management Systems, Intro to Software Engineering, Object Oriented Software Engineering, Operating Systems

Technical Skills

Application Development: Desktop Application Development, CLI Application Development, Object Oriented Programming (OOP), GUI Development, User Interface Implementation, Feature Development, Debugging & Testing

Backend & Database: Relational Database Design, Database Schema Design, Data Modeling, CRUD Operations, SQL Query Development, Database Integration, JDBC, PostgreSQL, SQLite

Programming Language: Python, C++, Java, JavaScript, HTML, CSS, SQL

Programming Tools: Git, Github, Qt, PyQt, PostgreSQL, Numpy, Pandas, VsCode, Node

Projects

Word Count Tracker | Python, PyQt, SQL

Dec 2025

- Developed a desktop application using Python, the PyQt library, and SQL to help authors track their writing progress and project data
- Developed a database using PyQt and SQLite to keep track of writing progress
- Implemented a GUI interface in PyQt to view and edit data about the writing progress of each project, and enhance user experience

Library Application | C++, SQL, and Qt

Oct - Nov 2025

- Collaborated in a team of four desktop library management application with C++, Qt, and SQLite in a Linux environment
- Designed user interfaces for Patron and Librarian roles with Qt to allow users to interact with the database
- Implemented an SQLite relational database to manage catalogue data, holds, and loans

Fitness Club Management System | Java, SQL, Postgresql

Oct - Dec 2025

- Designed and implemented an SQL database to manage clients, trainers, classes, and room scheduling
- Implemented CRUD operations as well as multiple roles to allow users to interact with the application
- Developed a Java-based CLI that lets users login, book classes and view their health data