

Irish Banga

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EDUCATION

Seneca College of Applied Arts and Technology

Toronto, ON

Computer Programming and Analysis

Graduation Year: 2025

- GPA: 4.0
- Awards: President's Honour List
- Coursework:
 - Programming languages
 - Client and server-side development
 - Design and maintenance of database systems
 - Data communication
 - Business communication

SKILLS & INTERESTS

- Collaboration and Teamwork
- Organizational Skills
- Resource Management
- Strong Work Ethic
- Multilingual communication
- Programming Languages: C, C++, JavaScript
- Web Development: CSS, HTML
- Database: SQL

PROJECTS

Delivery Optimization System

- Designed and developed an optimization solution for a local delivery company.
- Implemented shortest-path algorithm for efficient package-truck assignments.
- Utilized Jira for project management and collaboration.
- Led development and testing efforts for improved delivery route planning.
- Course: SFT221 – Software Testing

Library Management Application

- Developed a user-friendly application for efficient library publication management.
- Created an interface for tagging, categorizing, and shelving books, enhancing retrieval.
- Implemented lending features with due date tracking for library members.
- Course: OOP244 – Introduction to Object-Oriented Programming

Point of Sale System

- Enhanced a Point of Sale (POS) system with an innovative method for memory optimization.
- Successfully implemented this novel technique to optimize memory usage and system performance in the POS function.
- Course: IPC144 – Introduction to C

EXTRA-CURRICULAR ACTIVITIES

- Student Cabinet member - Developed leadership, teamwork, and communication skills while serving as a student representative in high school.
- Participation in sports - Cultivated physical fitness and agility through active engagement in athletic events.