

DUREN GOUDA

Halifax, NS | Duren.Gouda@dal.ca | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

EDUCATION

Bachelor of Computer Science (Sexton Scholar), Dalhousie University 2023 – 2027

- Relevant Courses: Software Development, Data Structures & Algorithms

CO-OP STATUS

Seeking a 4-to-8-month work term in Summer 2025

SKILL

Programming Languages	C#, Python, Java, JavaScript
Web Technologies	HTML, CSS, ReactJS
Databases	MySQL, MongoDB
Software Tools and Frameworks	Godot, VS Code, Git, GitHub, IntelliJ, Eclipse, Microsoft Office (Word, Excel, PowerPoint), NumPy, Pandas, MATPLOTLIB
Soft Skills	Team Collaboration, Problem Solving, Technical Writing

PROJECTS

Personal Portfolio Website ([GitHub](#)) ([Portfolio](#)) 2024

- Developed a personal portfolio website to showcase skills, projects, and experience.
- Designed a responsive user interface with **HTML**, **CSS**, and **JavaScript**, ensuring compatibility across devices.
- Incorporated dynamic content, interactive elements, and external links to **GitHub** and **LinkedIn** profiles.
- Demonstrates strong front-end development skills and attention to user experience

Brick Breaker Game, Game Development Project ([GitHub](#)) 2024

- Developed a 2D arcade-style game in **Java**, inspired by the classic Brick Breaker.
- Implemented game mechanics, including paddle movement, ball physics, and brick collision detection using **Java Swing**.
- Designed and rendered the game interface, including paddle, ball, bricks, and score display, leveraging **Graphics2D**.
- Gained experience in object-oriented programming (**OOP**), **GUI** design, and event handling.

DinoRun, Game Development Project

2024

- Developing an interactive **2D game** using the **Godot** engine, focusing on creating engaging gameplay mechanics and intuitive controls.
- Implemented character movement, collision detection, and scoring system through **GDScript** and **C#**.
- Designed and developed game levels, incorporating elements like obstacles, enemies, and power-ups to enhance player engagement.

RELEVANT EXPERIENCE

Hackathon Volunteer, NASA Space Apps Challenge, Shiftkey Labs

2024

Halifax, NS

- Assisted in organizing and managing event logistics, ensuring smooth operations during the hackathon.
- Supported participants by answering technical questions, troubleshooting, and providing guidance on project development.
- Helped coordinate workshops and mentoring sessions to facilitate learning and collaboration among participants.
- Promoted a collaborative and energetic environment, encouraging creativity and innovation among teams.

HereWeCode Career Fair Volunteer, HereWeCode, Dalhousie University

2024

Halifax, NS

- Assisted in organizing and coordinating career fair events, ensuring smooth operations and participant engagement.
- Guided attendees and employers across event locations, providing timely information and support.
- Facilitated networking sessions, promoting meaningful connections between students and industry professionals

CERTIFICATES

Data Analytics with Python Certification – Shiftkey Academy Up, 2024

SCHOLARSHIP & AWARDS

Dalhousie Global Scholar Award – Dalhousie University

Computer Science Entrance Scholarship – Dalhousie University

Sexton Scholar – Dalhousie University

Dean's List – Dalhousie University