

Ahmed AL-TTAAEE

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TECHNICAL SKILLS SUMMARY

Languages	Developer Tools	Frameworks	Core Development Skills
<ul style="list-style-type: none">JavaPythonC and C++JavaScriptHTML/CSS	<ul style="list-style-type: none">Git/GitHub/GitLabEclipse IDEIntelliJ IDEALinux VM	<ul style="list-style-type: none">Node.jsJavaFXTailwind CSS	<ul style="list-style-type: none">OOPBackend DevelopmentMachine Learning

PERSONAL PROJECTS

Wizard Of Cardonia RPG

January 2025 - June 2025

- Developed a text-based roguelike deck-building game in Java using Eclipse IDE.
- Used a fully modular OOP architecture with inheritance, polymorphism, and encapsulation that allows every developer to add content to the game as they wish.

GPyOU - Best UI Award at GDSC25

May 2025

- Created a Gemini AI-powered GPU recommendation tool with JavaScript and HTML/CSS, awarded Best UI at GDSC25.
- Developed and implemented the backend system in a collaborative team project.

EDUCATION

Bachelor's of Computing, Computer Science (Co-op) - Minor in Mathematics

September 2024 - Present

University of Guelph, Guelph ON

Cumulative GPA: 95.4%

Key Academic Projects:

- Olympics Statistic Analysis Tool (2025) - Independently developed a C program to parse and analyze historical Olympic data, enabling efficient statistical insights.
- Calculus and Linear Algebra Calculator (2025) - Built an intermediate-level calculator in Java with JavaFX, applying OOP principles to solve calculus and linear algebra problems.

WORK EXPERIENCE

Undergraduate Teaching Assistant

January 2026 - Present

University of Guelph

- Assisted in instruction for CIS2910 - Discrete Structures in Computing II.
- Strengthened communication skills by explaining complex material clearly.
- Answered student questions, graded assignments, and clarified core CS concepts.

Research Assistant (Part-Time Student Appointment)

October 2025 - Present

University of Guelph

- Conducted research on combinatorics and discrete math under the supervision of Prof. Joseph Sawada.
- Studied De Bruijn sequences and generation algorithms and their efficiencies.
- Implemented a concatenation tree framework and algorithm on a new set of DB successor rules (CCR).

Private Tutor

January 2025 - November 2025

Self-employed

- Provided one-on-one tutoring in CS and Math, focusing on problem-solving and algorithmic thinking.
- Helped students improve grades by an average of 15% in CS and Math subjects.