# Ahmad Zaki

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## Education

**York University**                                                                                                          Toronto, ON
*Bachelor of Science in Computer Science(Honors)*                                                              *May 2026*
**Courses:** Advanced Object-Oriented Programming, Software tools, Computer Organization, Fundamentals of Data Structures, Introduction to Logic for Computer Science

## Projects

**Athena - AI Content Generator** | *React, TypeScript, Tailwind CSS, PostgreSQL*
* A SaaS website which used open source AI API's to generate Images,Audio,code snippets and conversation chat
* Designed a SaaS AI platform using **React** and **Tailwind CSS**, with Backend in **TypeScript** and **Next.js** for API and routing
* Implemented **Clerk** for user **Authentication** and login purposes
* Executed API requests with **Axios** to push requests to **ChatGPT** 3.5-turbo API and Dalle and **Replicate AI**
* Created a **postgresql** with the help of **Prisma**, to track user free uses
* Implemented **Crisp chat** for **Customer support**
* Utilized **Stripe** API endpoints to facilitate payment for a pro model of the site

**Car Database** | *JavaScript, CSS*
* Created a **Car database** where user searches from a list of cars to retrieve data such as brand, model, engine, and year
* Designed and implemented an intuitive user interface using **HTML** and **CSS**, enabling seamless interaction for users to search and view cars stored in the database
* Used **Node.js** and **JavaScript** to create a communication layer between user frontend and database backend
* Used local JavaScript based database which sends back relevant data depending on input from user

**Keyword Copy and Compile Script** | *Python*
* Developed a **Python** script tailored for **command-line interface** (CLI) usage, facilitating efficient keyword-based copying and compiling of files
* Enhanced script functionality to support dynamic compilation of specific file types identified during the **keyword search**, optimizing resource utilization and minimizing manual intervention
* Integrated advanced search functionalities within the script to identify all files containing a specified keyword, enhancing flexibility and adaptability for diverse file structures and naming conventions

## Extracurricular

**MUN IT Team Leader** | *Jubail International School*                                              Oct 2021 - Feb 2022
* Managed a team of 3 individuals to communicate, coordinate and execute a virtual event on Zoom, attracting over 150 attendees
* Developed an email domain system for MUN leaders and team heads with different levels of permissions, enhancing communication efficiency
* Established and managed a custom Discord server throughout the event duration with 150 active members, facilitating real-time communication and collaboration among participants

## Technical Skills

**Languages**: Python, C, Java, JavaScript, TypeScript, SQL, HTML, CSS, RISC-V
**Frameworks**: React, Tailwind, Next.js, Node.js, JUnit
**Tools**: CI/CD, Microsoft Office, Excel, Visual Studio, IntelliJ, GitHub, Git, Eclipse, Linux