# Ahmad Zaki

+1 647-705-7959 | ahmadzaki8828@gmail.com | linkedin.com/ahmaadzaki | github.com/ahmadzaki8828

## Education

**York University**                                                                                                 **Toronto, ON**
*Bachelor of Science in Computer Science(Honors)*                          *Expected Graduation, 2025-2026*
**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, HTML/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

**Form Checker - NPM Package** | *JavaScript*
- Developed a robust **NPM package** for form validation, Implemented **synchronous** and **asynchronous** validation functions for verifying email, username, phone number, and password inputs, ensuring comprehensive form **input integrity**
- Enhanced **user experience** with real-time validation, Integrated **API-based asynchronous checks** to verify the availability of usernames, emails, and phone numbers, providing instant feedback to users during form submission
- Ensured high code quality and maintainability, Utilized **regular expressions** for strict input validation, wrote **clear documentation** for each function, and adhered to best practices in JavaScript for clean, efficient, and reusable code

## 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, PostgreSQL, MongoDB, HTML, CSS, RISC-V
**Frameworks**: React, Tailwind, Next.js, Node.js, JUnit
**Technologies**: Firebase, Visual Studio, IntelliJ, GitHub, Git, Eclipse, CI/CD, Linux