

Ahmed Abduljader

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EDUCATION

York University

Bachelor of Science Honors in Computer Science

Toronto, ON

Expected Graduation Apr 2027

Relevant Coursework

Discrete Mathematics, Intro to Programming C# and Python, Front-End Web Development, Software Design Modeling

PROJECTS

AnonAlyze | [GitHub](#) | Next.js, OpenAI API, Tailwind CSS, TypeScript, JavaScript, Express.js, Apify API

- Developed a social media security tool to identify sensitive public data and provide cybersecurity tips within 24 hours at **York University**, winning **1Password Best Security Hack at CTRL HACK DEL**.
- Enhanced app performance with **asynchronous API requests**, **modular components**, and **dynamic imports** for **faster API requests** and simpler navigation.
- Utilized **Apify API** to efficiently **scrape publicly available data** from social media profiles, enabling the identification of sensitive information and potential security risks.
- Designed a user-friendly and responsive interface using **Tailwind CSS and Next.js**, ensuring accessibility and smooth navigation across devices.

SoundMates | [GitHub](#) | Next.js, Tailwind CSS, TypeScript, JavaScript, Spotify API, Cohere AI API

- Created a social networking application to connect users based on shared music preferences within 24 hours with a team at **McMasters DeltaHacks 11**.
- Integrated Spotify API to analyze user musical data, **providing personalized insights**.
- Utilized **Cohere AI API** by **feeding Spotify API** user info on custom model set **to match users with similar musical tastes**, achieving accurate and meaningful connections.
- Designed a **responsive UI using Tailwind CSS and TypeScript**, ensuring accessibility across devices.

Broke2Woke | [GitHub](#) | Next.js, TailwindCSS, TypeScript, JavaScript, Cohere AI API, Express.js, Node.js, PostgreSQL, JWT, Flask, Bcrypt, Scikit-Learn

- Built a financial management platform to help users track expenses, set goals, and analyze spending habits within 36 hours, at **University of Toronto UofTHacks 12**.
- Integrated **Cohere AI API using JavaScript** strictly on the frontend with **Next.js** to provide personalized financial advice and offer users account security recommendations.
- Implemented **JWT** for secure user authentication with **Bcrypt to hash** and safely store user info alongside **PostgreSQL** for real-time financial record tracking.
- Developed a **Flask-based machine learning model** using **Scikit-Learn** to predict spending trends and optimize budgeting.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Java, PHP, C#, HTML, CSS

Frameworks & Libraries: Next.js, React, Express.js, Flask, Tailwind CSS

Databases: MySQL, MongoDB, PostgreSQL

Tools & Platforms: Git, Postman, Selenium, NextAuth, Vite, Clerk

Technologies: RESTful APIs, OAuth 2.0, JWT, Bcrypt

CERTIFICATIONS AND AWARDS

Provost Award Awarded By York University, **\$500 Dollar Scholarship**

Experience Venture Award Awarded By York University Issued by David Kwok Director of Entrepreneurship Innovation, **\$325 Dollar Stipened**

Best Security Hack Award Awarded By 1Password and CTRLHACKDEL

Responsive Web Design Certification By: FreeCodeCamp, Used HTML and CSS to create Responsive webpages including a personal portfolio for the final project.