ARHAM ISLAM

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EDUCATION

Honours Bachelor of Computer Science　　　　　　　　　　　　　September 2023 – April 2028
Carleton University　　　　　　　　　　　　　　　　　　　　　　　　　　*Ottawa, ON*
- Specialization in Management and Business Systems
- Relevant Courses: Abstract Data Types and Algorithms, Discrete Structures I, Calculus I, Linear Algebra I

SKILLS

Languages: Java, Python, C, C++, JavaScript, SQL, PHP, HTML/CSS
Frameworks: Node.js, Firebase, Bootstrap
Tools: GitHub, Visual Studio Code, IntelliJ IDEA, MySQL, phpMyAdmin

PROJECTS

Syllaflow: Notion Syllabus Integrator | *HTML/CSS, JavaScript, Bootstrap, Firebase*　⬡
- Automates syllabus-to-Notion database creation as a **Chrome extension**, cutting manual entry from 30 minutes to **5 minutes** by converting PDFs into structured data and syncing to Notion
- Extracted full syllabus text using **PDF.js**, preserving order and sections for reliable processing across formats
- Summarized and structured the extracted text into JSON with **Gemini AI**, surfacing assignments and key dates for Notion import without manual editing
- Created Notion databases and properties via the **Notion API** using the JSON data for instant course setup
- Protected API keys and calls by routing Gemini and Notion requests through **Firebase Cloud Functions**

myfitness: Fitness Tracker | *HTML/CSS, JavaScript, PHP, MySQL, Bootstrap*　⬡
- Tracked workouts, created workout plans, and managed goals with a responsive user interface and reliable CRUD
- Enabled daily workout logging, supporting mobile-responsive access, by implementing **PHP/MySQL CRUD** operations with **Bootstrap** components
- Built plan creation and editing with structured inputs, ensuring reliable data organization, by modelling exercises, workouts, and plans in a normalized MySQL schema
- Improved interactivity and reduced page reloads, increasing user engagement, by integrating **AJAX** endpoints with **jQuery** for asynchronous updates and client-side validation
- Increased data reliability through secure authentication, preventing unauthorized access, by hashing passwords and managing persistent sessions

MutualCheck: Instagram Followers Checker | *Python*　⬡
- Detected non-mutual follows from .txt lists in **seconds**, via argv inputs and Python set diffs

EXPERIENCE

Registration Officer　　　　　　　　　　　　　　　　　　　　　　April 2025 – April 2025
Elections Canada　　　　　　　　　　　　　　　　　　　　　　　　　　*Kanata, ON*
- Registered new electors and completed official documentation, ensuring **100%** accuracy and compliance, by verifying IDs and processing forms according to Elections Canada protocols
- Accurately tallied voters as designated recorder, maintaining **zero** discrepancies, by tracking entries in real-time
- Protected elector privacy, ensuring full compliance with confidentiality regulations, by securing documents and handling sensitive information
- Streamlined registration setup, reducing wait times during peak hours, by organizing materials and signage before polling station opened

Sales Associate　　　　　　　　　　　　　　　　　　　　　October 2023 – December 2023
Best Buy Canada　　　　　　　　　　　　　　　　　　　　　　　　　　*Kanata, ON*
- Increased customer satisfaction, improving conversion, by assessing needs and recommending tailored options
- Reduced customer search time, improving shopping efficiency, by quickly directing customers to relevant aisles
- Completed transactions efficiently, maintaining positive customer experience, by greeting customers warmly and processing purchases accurately
- Enhanced shopping environment, supporting repeat visits, by maintaining cleanliness and organization