

TASEEN WASEQ

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EDUCATION

Honours Bachelor of Computer Science, Carleton University - 3.7 GPA

Sept. 2021 - April 2025

- Specialization: Management and Business Systems
- Relevant Courses Completed: Discrete Structures, Intro to Computer Science I/II, Calculus, Linear Algebra
- Awarded: Entrance Scholarship of \$8000, Deans' Honour List

WORK HISTORY

Software Engineering Intern, Ideabytes Inc. - Ottawa, ON

Feb 2022 - Present

- Worked with team internationally providing newer insights into software improvement and development
- Implemented functionality and architecture refactoring for features including automatic translations for international shipments, automated PDF merging. Greatly improving time and memory efficiency of existing code
- Responsible for software maintenance and support across the codebase for web applications handling 1000+ daily transactions; delivering quick and efficiently written solutions
- Drafted architecture and engineered multiple SQL tables and queries; properly integrating with existing databases
- Delivered numerous User Guides and technical documentation for existing applications and presented to clients

PROJECTS

TAWallet: Investment Hub



- Web application for retail investors track all of their market investments in one place
- Real-time price tracking for 2400+ companies through the implementation of the Alpha Vantage Stock API
- Allowing users to add buys/sells, check the performance and value of their individual stocks, and the entirety of their portfolio stored through the implementation of a MySQL database using JSON structure
- Integrated secure credential storage and thorough transaction/input validation

Social Media SMS Update Bot



- Program gathering users YouTube, Instagram, and Twitter data and returning the info by text within 17 seconds
- Automated web scraping and form submission with Selenium, outgoing text message using Twilio API

TW Employee Management: Employee Storage and Management System



- Web application for company managers to store/organize and easily access their employee's information
- Information stored through the implementation of a MySQL database, securely hashing for login credentials
- Display employees and managers clearly with full, easy to use CRUD functionality

EXTRACURRICULARS

CS Lightwork: Programming YouTube Channel



- Simplified videos teaching both the conceptual understanding, and the coding of algorithms with all source code available through GitHub, ranging from beginner to advanced concepts, lessons, and problems for 150+ viewers

Lyft - Back-End Engineering Virtual Program



- Completed new software architecture for vehicle component classes, Python code base refactoring, unit testing, and test-driven development

Goldman Sachs - Financial Technology Engineering Virtual Program



- Providing cybersecurity solutions for password database leakage crisis by thorough analysis of results and proposing enhancements to current policies and controls

SKILLS

Languages

Python, Java, PHP, C, JavaScript, SQL, HTML, CSS

Frameworks / Tools

Git, Bootstrap, Selenium, React.js, Node.js, jQuery, REST API, MySQL, Spring

Soft Skills

Communication, Resilience, Teamwork, Conflict Resolution, English, French, Bengali