Dawoud Husain

Software Engineer

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🎓 Education

Bachelor of Computing, Software Engineering (Co-op)   2020 – 2025 (expected)
University of Guelph   *Guelph, ON*

> 79% Cumulative GPA
> Awarded $3,500 Entrance Scholarship
> Volunteer Note Taker with the Department of Student Wellness

⚙️ Technical Skills

Programming Languages: C, Python, Java, HTML5, CSS3, JavaScript, Visual Basic, R
Frameworks / Libraries: Node.js, Flask, MySQL, SQLite, jQuery
Development Tools / Environments: Git, Docker, GDB, Netbeans, VS Code, Windows, Linux
Other: Full-Stack Web Development, Test Driven Development, Agile/Scrum, Waterfall, Pair Programming

💼 Work Experience

Microsoft Office 365 Administer & Email Marketing Consultant   May 2022 - Dec 2022
University Of Guelph Computing & Communications Services   *Guelph, ON*

> Worked in an agile environment as a Microsoft Office 365 administrator to provide hands-on support for over 28,000 staff and students at the University, including senior IT members and executives
> Consulted with various IT teams, including Microsoft Support, to resolve complex security issues revolving around Exchange and Azure services
> Administered and resolved client issues revolving around the LISTSERV Maestro enterprise email marketing platform, supporting over 60 departments to send over 500,000 monthly emails

</> Personal Projects

Smart Manager - Web App Built To Track And Manage Employee Data   Dec 2021 – Jan 2022

> Used source control management software (Github) to publish and maintain an open source, full-stack employee manager featuring account creation, hash-based login authentication, and private user sessions
> Back-end functionalities allows users to add, retrieve, update and remove data entries onto a database while front-end features include an intuitive, mobile compatible and polished interface
> *Technologies: SQLite, Python, HTML, CSS and JavaScript/jQuery*

Swift Chat - An Anonymous Communication Platform Used By Guelph Students   May 2021 – June 2021

> Used a container-based cloud platform (Heroku) to deploy an online real-time chat application created via full-stack web development
> Back-end functionalities include the usage of WebSockets, REST API's and a database allowing users to save and retrieve chat messages while front-end features allow for a dynamic user-interface to display messages
> *Technologies: Pusher REST API, SQLite, Python, HTML, CSS and JavaScript/jQuery*

📊 Activities

Google Developer Club Member   2021 - Present
Google Developer Student Club   *Guelph, ON*

UI Developer Class (Visual Basic, Java/Java-Swing)   2016 - 2017
My Code Club   *Mississauga, ON*