

# Joseph Mascardo

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## Summary

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I'm a computer science student at the University of Houston with a strong emphasis on cybersecurity. My hands-on experience in IT support and threat analysis fuels my commitment to protecting systems and innovating new solutions.

## Education

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**University of Houston**, B.S. in Computer Science - Cybersecurity Specialization Jan 2021 – Dec 2025

- GPA: 3.35/4.0
- **Coursework:** Computer Architecture, Cybersecurity, Software Design, Database Systems, Operating Systems, Computer Networks, Algorithms and Data Structures, Digital Image Processing

## Experience

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**Information Technology Coordinator**, RG Miller – Houston, TX June 2023 – Present

- Spearheaded the development of the RG Miller | DCCM and Miller Survey Group | DCCM websites, and oversee all ongoing updates and changes
- Act as liaison and coordinate IT issues with consultants i.e., submit tickets, coordinate employee computer needs (hardware and software), on-boarding and off-boarding
- Manage and maintain software inventory including loading and configuration of specialized software products and helping employees with minor IT issues relating to computer peripherals
- Prepares laptops, desktop computers, and peripherals for new employees to department standards. Manages basic access requests, password resets, additions to security groups and distribution lists
- Provide basic administration of Office 365, Exchange, and other business applications, such as SharePoint, Azure, Entra, etc. . .
- Diagnose and troubleshoot end user desktop application issues and provide appropriate solution
- Communicate with end-users at all levels of technical and non-technical skills sets

## Projects

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**RG Miller | DCCM Website** [rgmiller.dccm.com](https://rgmiller.dccm.com)

- Led the development of the Miller Survey Group | DCCM Website with help of the company and other DCCM operating companies. Successfully managed multiple deadlines and coordinated with various team members to ensure timely project completion. Continually managed updates and modifications, enhancing the site's functionality and user experience to meet evolving business needs.
- Tools Used: HTML, CSS, WordPress
- **University Administrative Forms Management System** <https://github.com/jomosquito/Edmonton-v.02>
- Developed a web-based forms management system that streamlines university administrative processes by digitizing student requests for medical withdrawals, course drops, FERPA releases, and record changes. Features include secure Microsoft OAuth authentication, role-based access with delegation capabilities, automated PDF generation, configurable approval workflows, and digital signature support.
- Tools Used: Flask, SQLAlchemy, Docker, Python, LaTeX, Microsoft OAuth, JavaScript, HTML/CSS

## Skills

**Languages:** C++ , Python, Javascript, HTML, CSS, TeX, Dockerfile, Makefile, R

**Technologies:** MySQL, Flask, Node.js, React, Azure, WordPress, Powershell