Hishmat Salehi

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PROFESSIONAL SUMMARY

Technically skilled and curious problem-solver with a strong computer science background. Passionate about using data and technology to create smart solutions, especially in areas like AI, Business Intelligence, and web development. Eager to contribute and collaborate on impactful projects.

SKILLS

Data Analysis & Visualization	Power BI, Python, SQL, Streamlit
Programming Languages	Python, Java, JavaScript, Haskell
Data Science & Modeling	Agent-based Modeling (MESA), Statistical Analysis
Tools & Technologies	Git, Linux

EXPERIENCE

Data Science Student

PCL Construction   *Jan 2024 - Aug 2024*

- Designed and developed a **Python** (Streamlit) web application ("QC Dispatch") to visualize agent-based simulation outcomes, enhancing resource allocation strategies for Quality Control.
- Implemented agent-based models utilizing **Python** (MESA) to simulate project workflows and predict project completion timelines, with simulations projecting up to a 15% potential increase in operational efficiency.

Business Systems Analyst II

McMaster University   *Mar 2022 - Apr 2023*

- Created and maintained interactive **Power BI** dashboards delivering critical insights into student recruitment pipelines, including application volume, offer conversion rates, and enrollment forecasts, enabling data-informed strategic planning for university administration.
- Managed cloud-based CRM system (Slate) to streamline lead management processes, enhance communication strategies, and generate performance reports.

Teaching Assistant

McMaster University   *Sep 2021 - Apr 2022 (2 terms)*

- Taught computer science foundational concepts including:
    - Automata and Computability Theory (Finite State Machines, Regular Expressions)
    - Introductory Computational Thinking (**Haskell**, Functional Programming, Recursion).
- Facilitated learning for classes of 50+ students, promoting problem-solving skills and analytical thinking.

EDUCATION

M.Sc. in Modeling, Data & Prediction (MDP)	**Sep 2023 - Apr 2025**
University of Alberta	*Edmonton, AB*

B.Sc. in Computer Science (w/ Math minor), cGPA: 3.6/4	**Sep 2018 - Apr 2022**
McMaster University	*Hamilton, ON*