

Matthew Sadecki

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SUMMARY

Full-stack, data-driven professional leveraging modern frameworks, machine learning, and cloud-native platforms to build innovative, high-performance applications.

TECHNICAL SKILLS

Core Languages & Data: Python · SQL · TypeScript/JavaScript · Java · C# · C/C++
Frameworks & DevOps: Docker · Git · MERN · Azure DevOps · TensorFlow/Keras
Libraries & Extras: Pandas · NumPy · Scikit-learn · Flask · Airflow · Power BI · UiPath

WORK EXPERIENCE

Associate – Business Systems Analysis at WTW *Aug 2021 – Present*

- Generated \$1.5M+ in annual commission revenue by automating renewal of 4,500 policies and complex onboarding workflows with UiPath + Python, eliminating months of manual effort.
- Delivered 100% renewal rates across dozens of programs by enhancing B2C sales sites and C# pricing engines, and providing on-call client support.
- Developed SQL-based reports for an internal enterprise platform and migrated them to Power BI for enhanced interactivity and predictive analytics for key stakeholders.
- Operated within an Agile framework leveraging Azure DevOps to track bugs and product backlogs, managed CI/CD pipelines, and coordinated deployments across multiple time zones.
- Hardened Azure app services and RPA environments—role-based access, JWT auth, continuous audits—to meet internal and regulatory compliance.

Business Owner at Ivespark Solutions *May 2018 – Aug 2022*

- Awarded a Halton Summer Company startup grant in 2018; through various marketing efforts, grew the business to over 100 students tutored within two years.

Teaching Assistant at Carleton University *May 2022 – Nov 2022*

- Supported students on topics related to JavaScript, Bootstrap, APIs, SQL, MongoDB, React.js.

Teaching Assistant at University of Toronto *May 2021 – May 2022*

- Supported students on topics related to machine learning, algorithmic trading, APIs, and SQL.

Mobile Application Developer Intern at HSB BI&I *May 2019 – Sept 2019*

- Prepared recruiting event challenges through ETL, machine learning, and data visualizations.
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EDUCATION

B.A. (Honours) Applied Economics at Queen's University *Sept 2015 – Apr 2020*

- Relevant Coursework: Econometrics, Data Structures, Cost-Benefit Analysis, Statistics.

Full Stack Web Development at University of Toronto *May 2018 – Nov 2018*

- Developed full-stack web applications, practiced team collaboration, and version control.