

Miles Pitassi

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OBJECTIVE

Data analyst with a Master's in Mathematics and six published research papers, currently serving as a Research Scientist Intern with the Chicago Blackhawks.

EDUCATION

University of Waterloo <i>MMath (Master's in Mathematics Thesis) – Rico Mariani 2SLGBTQ+ Graduate Award – 4.0 GPA</i>	Waterloo, ON
University of Western Ontario <i>Bachelor of Software Engineering - 4-Year UWO Admission Scholarship - 4.0 GPA</i>	London, ON
Ivey Business School <i>Honors Business Administration (HBA) - 3.9 GPA</i>	London, ON

EXPERIENCE

Research Scientist Intern <i>Chicago Blackhawks</i>	June 2025 – Present <i>Chicago, IL</i>
<ul style="list-style-type: none">Working with NHL tracking data to support model development and applied research for team decision-making, including applications of AI	
Research and Teaching Assistant <i>University of Waterloo</i>	May 2023 – June 2025 <i>Waterloo, ON</i>
<ul style="list-style-type: none">Conducted statistical analysis and machine learning models using NHL puck and player tracking data, resulting in multiple published research papersAssisted in teaching Mathematics and Computer Science courses, including creating and delivering instructional materials, conducting tutorials and lab sessions, and providing academic support to over 100 students	
Associate - Corporate Strategy and Transaction Advisory <i>Richter Consulting</i>	September 2021 – August 2022 <i>Toronto, ON</i>
<ul style="list-style-type: none">Analyzed market and financial data to identify growth opportunities; ideated and implemented a 5-year expansion strategy for a Montreal beauty store, successfully expanding into 5 cities across CanadaLed an end-to-end digital transformation for a subscription-based alcohol company, resulting in a forecasted growth of 100% over the next four months	
Data Analyst Internships <i>Ontario Teachers' Pension Plan (OTPP) & TD Canada Trust</i>	2018, 2019, 2020 <i>Toronto, ON</i>
<ul style="list-style-type: none">OTPP (2020): Collected, curated, and analyzed campaign data using PowerBI, SQL, and Adobe Analytics; delivered insights in presentations to large audiences, including one to all of Member Services (800+ staff)TD (2018, 2019): Developed software to detect and score customer digital activity to support the Next Best Action (NBA) machine learning model; created estate account reports that led to a national retention initiative	

PUBLICATIONS

Traffic and Shot Attempts in Ice Hockey <i>Miles Pitassi et al.</i>	ISACE 2025
Puck Possessions and Team Success in the NHL <i>Miles Pitassi, Tim Brecht and Mingyue Xie</i>	LINHAC 2024
Advancing NHL Analytics through Explainable AI <i>Miles Pitassi and Robin Cohen</i>	CAIAC 2024
Co-author (3): Net Visibility and Reachability, Individual Puck Possessions I and II	LINHAC 2025

PROJECTS

SafeSpace <i>Node.js, Swift, TensorFlow.js, Express.js</i>
<ul style="list-style-type: none">Developed a full-stack mobile application to address the limitations of mental health therapyNode.js serves a REST API for the backend, Swift is used for the frontend for iOS devices, and TensorFlow.js is used for the abuse detection model