

Avery Doiron

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EDUCATION

ST. FRANCIS XAVIER UNIVERSITY

Bachelor of Science (Honours) in Computer Science
Minor in Mathematics/Statistics

Antigonish, NS
Expected April 2027
3.9 GPA

RELEVANT COURSEWORK

Computer Science: Advanced Data Structures, Computer Organization, Database Management Systems, Introduction to Data Science

Mathematics/Statistics: Calculus I, Calculus II, Discrete Structures, Linear Algebra, Intro to Statistics for Sciences

EXPERIENCE

SEASI

Junior Technical Analyst

Remote
May 2024 – June 2024

- Evaluated business processes to identify areas for improvement and implemented data-driven solutions, optimizing efficiency across workflows.
- Analyzed and documented business requirements through meetings with multiple stakeholders, providing actionable recommendations for internal and external clients.
- Organized and standardized file structures, creating a baseline for SEASI resumes to streamline operations.
- Participated in testing and validation activities, ensuring the successful implementation of technology solutions.
- Provided technical support for internal back-office cloud CRM technologies, including SEASI Navigator for Sales, HR, and CRM.

PROJECTS

NHL Player Analytics and Visual Cards

January 2025 – Present

- Developed a data scraping pipeline using **Python** and **Pandas** to collect and process NHL player statistics, automating retrieval from online sources for real-time updates.
- Built an analytics model using **NumPy** to rank NHL players based on offensive and defensive performance, calculating percentiles and tracking multi-season trends.
- Designed and generated visually appealing player cards using **Matplotlib** and **PIL**, displaying player information and attribute rankings through percentile bars and trend graphs while integrating team-branded elements.
- Automated data processing and visualization pipelines, enabling efficient extraction, transformation, and presentation of NHL player statistics for advanced hockey analysis in a way that casual fans would easily understand.

TECHNICAL SKILLS

Languages: Python, R, SQL, Java, C++, HTML, CSS, JavaScript

Libraries and Frameworks: Pandas, NumPy, Matplotlib, PIL, Flask

Developer Tools: Git/GitHub, Visual Studio Code, Microsoft Office Apps