

Avery Doiron

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SUMMARY

Aspiring hockey data analyst with real-world experience in data analytics, a passion for applying technical skills to hockey-focused insights, and a drive to innovate in the hockey analytics space.

EDUCATION

ST. FRANCIS XAVIER UNIVERSITY

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

Antigonish, NS
Expected April 2027
GPA: 3.9/4.0

RELEVANT COURSEWORK

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

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

EXPERIENCE

SEASI

Remote

Junior Technical Analyst

May 2024 – June 2024 & May 2025 – Present

- Currently supporting backend development of SEASI's upcoming website, contributing to system architecture, implementation planning, and an AI chatbot.
- Analyzed business workflows to identify inefficiencies, implementing data-driven process optimizations that improved operational performance
- Gathered and documented technical and business requirements through stakeholder interviews, delivering actionable recommendations to internal teams and clients
- Built and standardized baseline resume templates and organized digital file structures, improving data accessibility and reducing onboarding time
- Provided technical support for SEASI's custom CRM system, including troubleshooting, configuration, and user training
- Participated in system testing, documentation, and rollout of IT process improvements and cloud-based tools

PROJECTS

NHL Player Attribute Rankings Model and Visual Card Generation

January 2025 – Present

- Automated data processing and visualization, enabling efficient extraction, transformation, and presentation of player statistics for advanced analysis in a way that casual fans easily understand
- Developed code using **Python** and **Pandas** to collect and process NHL player statistics, automating retrieval from online sources
- Built an analytics model, using **NumPy**, to rank different attributes of NHL players based on performance and stats, 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 colors, logos, and branding for a professional look

TECHNICAL SKILLS

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

Libraries and Frameworks: pandas, NumPy, matplotlib, PIL, Flask

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