

Avery Doiron

averyjdoiron@icloud.com • (902) 318-7224 • linkedin.com/in/averydoiron/ • github.com/AveryJD • analyticswithavery.com

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

Remote

Junior Technical Analyst

May 2024 – June 2024 & May 2025 – Present

- 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 (Navigator), including troubleshooting, configuration, and user training.
- Participated in system testing, documentation, and rollout of IT process improvements and cloud-based tools.
- Currently supporting backend development of SEASI's new AI-enhanced website, contributing to system architecture and implementation planning.

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 a data scraping pipeline using **Python** and **Pandas** to collect and process NHL player statistics, automating retrieval from online sources.
- Built an analytics model, using **NumPy**, to rank NHL players based on offensive and defensive performance and attributes, 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: Git/GitHub, Visual Studio Code, Microsoft Office Apps