Avery Doiron

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

SUMMARY

Computer Science student and aspiring hockey data analyst, experienced in Python, data modeling, and sports data visualization. Passionate about applying technical skills to hockey-focused insights through real-world work, personal projects, and writing hockey analytics focused blog posts.

EDUCATION

St. Francis Xavier University   Antigonish, NS
BSc (Honours) in Computer Science, Minor in Mathematics   Expected Apr. 2027
GPA: 3.9/4.0 | Dean's List

Completed Relevant Coursework: Data Structures and Algorithms, Computer Architecture, Database Management Systems, Statistics for Sciences, Calculus I & II, Discrete Mathematics, Linear Algebra

Upcoming Relevant Coursework: Sports Analytics, Intro to Data Science, Statistical Methods, Algorithm Design and Analysis, Natural Language Processing

EXPERIENCE

SEASI   Remote
Junior Technical Analyst   May. 2024 – Jun. 2024 & May. 2025 – Present
- Supported backend development of SEASI's upcoming website, contributing to system architecture, implementation planning, and an AI chatbot
- Designed and implemented the website's backend database infrastructure using Microsoft Azure, supporting scalable data storage and secure user access
- 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   Jan. 2025 – Present
- Automated data scraping from the web to gather NHL player statistics and information with **BeautifulSoup** and used **Pandas** to process and save the data
- Built an analytics model, using **NumPy**, to score and rank different attributes of NHL players based on the scraped data and then calculated weighted scores and ranks using multiple season's worth of data
- 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 and easy to understand design

TECHNICAL SKILLS

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

Libraries/Frameworks: Pandas, NumPy, Matplotlib, BeautifulSoup, PIL, Flask

Tools: Git/GitHub, Visual Studio Code, PyCharm, RStudio, Jupyter Notebook, IntelliJ, Microsoft Office