Riley Adams-Peacock

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Driven engineering student with experience in software testing, inventory systems, and program development, skilled in Python, data analysis, and cross-functional collaboration. Seeking a GTA internship to apply technical and organizational strengths in a fast-paced, growth-focused environment.

Education

Nantyr Shores Secondary School – Ontario Secondary School Diploma — *Sept 2020 – June 2024*
- **Coursework:** Introduction to Computer Science, Introduction to Computer Technologies

McMaster University – BS in Engineering — *Sept 2024 – Apr 2028*
- **Coursework:** Introductory Physics, Linear Algebra, Calculus, General Chemistry

Experience

CMO | Technical Product Lead, *Flair Studio Inc. – Toronto, ON* — *March 2024 – Present*
- Co-founding an AI-powered fashion discovery platform combining social engagement and personalized shopping, driving brand vision, user growth, and technical marketing innovation.
- Designing and implementing **data pipelines** for real-time fashion trend analysis via **autonomous web scraping** to inform targeted marketing strategies and product curation.
- Spearheading front-end development of immersive user experiences in **React Native** and **Next.js**, with ongoing integration of **Framer Motion** and **GSAP** to elevate engagement and visual storytelling.
- Developing **AI-powered recommendation systems** using **collaborative filtering**, **content-based methods**, and **reinforcement learning** to enable personalized feeds and data-driven marketing experiments.

Quality Assurance Tester, *High Strength Plates & Profiles Inc. – Mississauga, ON* — *June 2024 – Jan 2025*
- Conducted **QA testing** for new software, identifying and documenting critical issues, and collaborating with developers to enhance stability, resulting in a seamless deployment with minimal post-launch errors.
- Created a comprehensive **user manual** that streamlined onboarding, reduced training time, and empowered team members to use the software independently and confidently.
- Implemented an **organized tracking system** for test cases and bug records, **boosting testing efficiency by 30%** and ensuring timely resolution of software issues.
- Developed and executed detailed **test cases** for software functionalities, improving overall software reliability and reducing the number of issues discovered post-launch.

Office Administrative Associate, *High Strength Plates & Profiles Inc. – Mississauga, ON* — *June 2022 – Sept 2023*
- Maintained organized **filing systems** for company documents, ensuring easy retrieval and accuracy in record-keeping.
- Conducted detailed **inventory tracking** of steel plates using **Excel**, updating records to support efficient inventory management.
- Monitored stock levels and coordinated with relevant teams to prevent shortages, enhancing **operational continuity**.
- Helped create an **inventory management spreadsheet** that streamlined updates, improving **data accuracy** and team accessibility.

Skills

Programming Languages: Python, Java, JavaScript, CSS & HTML, MatLab
Frameworks: React, Next.JS, Node.JS, Express, Flask, Tailwind, TypeScript
Soft Skills: Communication, Teamwork, Adaptability, Creativity, Decision-making, Accountability

Certificates

Introduction to Data Analytics – *IBM, 2024*
Foundations of Project Management – *Google, 2024*
Project Planning: Starting a Successful Project – *Google, 2024*
Project Initiation: Putting it All Together – *Google, 2024*