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AARON CREOR

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EMPLOYMENT

Programmer 2 **Jim Pattison Food Group** **December 2023 - Present**

- Acted as an SME for integrating modernized supply chain infrastructure with legacy systems using **IICS**.
- Utilized extensive scripting in **Bash** to automate assignment of tax groups to new items.
- Streamlined the SDLC for developers by implementing an updated **CI/CD** system with GitHub Actions.
- Mentored and trained junior programmers, instilling best practices and positive habits.

Programmer 1 **Jim Pattison Food Group** **May 2022 – December 2023**

- Developed **SOAP** services to automate common fixes, significantly reducing time spent on recurring issues.
- Designed and implemented legal agreement pages leveraging **JavaScript** and **.NET**, while capturing user responses.
- Addressed regular production bugs and improvements in existing Java services using **Jira** to prioritize requirements.
- Upgraded security libraries for legacy **C#** applications to streamline password reset processes, transitioning from direct **LDAP** integration to **AD**.

EDUCATION

M.S. Computer Science **University of Texas at Austin** **Fall 2024 – Spring 2027**

- Graduate Coursework: Machine Learning, Mobile Development, Deep Learning, Advanced Linear Algebra.

B.S. Computer Science **University of the Fraser Valley** **Fall 2017 – Spring 2022**

- Undergraduate Coursework: Operating Systems, Databases, Algorithms, Data Structures, Networks.
- UFV Student Computing Association Vice President (2021 – 2022)

PROJECTS

Stock Market Showdown

github.com/AaronCreor/StockMarketShowdown

- Developed a stock market simulation game in **Kotlin**, allowing users to buy and sell stocks in real-time.
- Leveraged **MySQL** database hosted in **AWS**, with a robust schema to manage user data, transactions, and portfolios.
- Utilized various third-party APIs such as Finnhub to acquire real-time market updates.
- Integrated real-time stock market data visualization using the **Charts.kt** library.
- Implemented user authentication and management with **Firebase**, enabling secure login, registration, and session management.

CFIA Compliance Project

- Led enhancement of existing Jim Pattison Food Group proprietary systems to come into compliance with new CFIA (Canada Food Inspection Agency) regulations.
- Implemented changes across multiple systems including a **C#** web frontend, **Java** application server backend, and a **PL/SQL** DB.
- Collaborated closely with stakeholders to gather, define, and prioritize functional and technical requirements.

LANGUAGES AND TECHNOLOGIES

- Languages: Java, Kotlin, Python, JavaScript/HTML/CSS, C# (ASP.NET), SQL, Bash, YAML
- Tools: Git, SVN, Linux, Gradle, Maven, Jira, CI/CD, Powershell
- Cloud: AWS (RDS), Azure (AD, Exchange, DB), Firebase (Firestore, Auth, Realtime Database)