

Skills

Programming Languages

Elixir, Java, Python,
JavaScript, C

Frameworks

Phoenix, Angular,
jQuery, Ionic, Spring

Software Tools

Git, Docker, GCP,
Tableau

Finance

Forex Trading, Investment
Management, Financial
Markets & Securities Trading

- Extremely perseverant when given a challenge
- Able to rapidly pick up new concepts and skills
- High aptitude in quantitative fields such as mathematics, finance, cryptography

Experience

Loblaw Digital - Elixir Developer

Jul 2018 to Present

- Built a stable and scalable product catalogue service that parses thousands of daily product and price feeds, handling out of order updates and allowing priority processing levels for different feed types.
- Designed with resiliency in mind – the catalogue supports thousands of requests per second, is distributed across nodes and is fully instrumented using Prometheus and Grafana.
- Developed an internal dashboard with Phoenix LiveView that allows clients to perform CRUD operations on product data and override incorrect information that comes in from the feeds.
- Reduced lead time for error rectification by sending real time updates to be indexed by the search service.

Loblaw Digital - Java Developer

Sep 2017 to Jul 2018

- Worked on backend elements related to customer checkout flow - including everything related to cart, payment, vouchers, transactional emails and order history.
- Created iteration of notifications service to send texts and emails to customers.
- 2017 Hackathon Winner. Prototyped, and eventually implemented for real, a feature to allow customers to switch products and save money at checkout.

CPP Investment Board - Data Engineering Intern

Sep 2016 to Dec 2016

- Designed data retrieval and visualization tools that gave end users the autonomy to find and download index market data without the need for my team to intervene
- Spearheaded a project from start to finish, going through user requirements gathering, designing, production, testing, server acquisition and deployment

Sun Life Financial - Account and Delivery Co-ordinator

Jan 2015 to Apr 2015

- Created a dashboard for overviews of budget usage and project summaries. It provided information to business partners and various levels of management in one central place
- Designed a new reporting system for employees to document their work. This allowed managers and co-workers to easily see what each person was doing and how full their schedules were

IESO - Analyst and Programmer

May 2014 to Aug 2014

- Designed end-user computing tools necessary for complex data extraction and calculations
- Drew up the requirements, test plans, and user guidelines for the applications that I designed

Education

Wilfrid Laurier University, Waterloo, ON

Sep 2012 to Aug 2017

- Honours Business Administration (w/ Finance option) and Computer Science Degrees (BBA/BSc)
- President's Gold Scholarship, Dean's Honour Roll, 2012-2017
- 11.39/12 GPA, First in Class