

Jacob Laboissonniere

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jacoblaboissonniere.com

Education

Carleton University

B. Eng. in Software Engineering
CGPA: 10.3/12 (A-)

Ottawa, Ontario

September 2016 – April 2021

Experience

Technical Co-Founder

April 2020 – Present

SkinSort

- Built a consumer platform with over 60,000 monthly users using Ruby on Rails
- Designed a fully responsive user interface using Tailwind CSS and Alpine.js
- Deployed to production with Heroku and AWS to successfully handle over 4,000,000 requests per month
- Optimized ingredient analyzer tool using PostgreSQL GIN indexes to decrease analysis times by an average of 85%
- Integrated Google Cloud Vision API to handle OCR for user-submitted ingredient lists
- Added workers with Redis and Sidekiq to reduce web server load

Ruby Integrations Developer (Co-op)

January 2019 – April 2019

Blindside Networks

Ottawa, Ontario

- Migrated an existing load balancer application from Rails 4 to Rails 5
- Wrote RSpec unit and integration tests to increase coverage for the load balancer
- Containerized the load balancer with Docker to streamline production deployment
- Collaborated on the design and implementation of a new admin panel for the load balancer using HAML and Bootstrap

Java Software Developer (Co-op)

May 2018 – August 2018

Ross Video

Ottawa, Ontario

- Developed new features and tests for an existing monolithic application written in Java
- Designed and implemented custom control panels for clients with JavaScript
- Researched and implemented a bug fix for an obscure touch-input limitation in Windows using C++

Skills

- **Languages:** Ruby, JavaScript, HTML, Java, SQL
- **Frameworks:** Ruby on Rails, Alpine.js, Tailwind CSS, jQuery
- **Tools:** Git, PostgreSQL, AWS, Heroku, Redis, Docker, Sidekiq, RSpec