

## Experience

### **Point of Sale System, *Software Developer/Assistant Manager (Java, Open Source)***

- Reduced expenses by 10% and reduced friction to perform sales and inventory operations
- Operates a retail with 1000+ inventory items and anticipated by 10 other retail managers

**Perth Amboy, NJ**

*Apr 2015 – May 2016*

### **Open SNS, *Web Developer (C, PHP, bash shell)***

- Powered through 7+ solo projects within a span of 3 months to create a web-based GUI to manage the grammar and vocabulary of a proprietary language
- Optimized prefix tree serialization process from incomplete to under 10 seconds using a third party library

**Seoul, Korea**

*Mar -May 2011*

## Projects

### **Noofel** [Github](#) | [Live](#)

*Email Client inspired by Gmail*

- Ruby on Rails backend serves a RESTful API to a backbone.js front-end
- Supports threading, multiple recipients and sends email via SendGrid
- PaperClip and AWS S3 work together to store user documents in the cloud

### **ActiveRecordLite** [Github](#)

*ORM inspired by the functionality of ActiveRecord*

- Utilizes ruby MetaProgramming, sqlite3 and active\_support/inflector to dynamically create ORM
- Handles where query search and belong\_to, has\_many and has\_one\_through associations

### **Ruby Chess** [Github](#)

*Classic Chess played in Terminal*

- Filters out moves using deep dup of board and pieces for error checking
- Leverages class inheritance for DRY and maintainable code

## Skills

Java • Ruby • Ruby on Rails • Javascript • jQuery • Backbone.js • PHP • Python • C •  
SQL • Git • HTML • CSS • Data Structures and Algorithms

## Education

### **AppAcademy**

*Intensive Web Development Training Program (Acceptance rate < 3%)*

- Emphasizes pair programming, TDD, coding style and best practices.

**New York, NY**

*2015*

### **McGill University, The School of Computer Science**

*Bachelors of Science in Computer Science and Minor in Mathematics*

- WIG Compiler: Built compiler that converts lite version of a web-based programming language to java and then to java bytecode
- CS Games (won 5th place in over 32 teams in competing North American Schools)
- Computer Science Undergraduate Society **President**

**Montreal, QC**

*2005 - 2009*