


Nicholas Huang

Software Engineering 2020
University of Waterloo

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n7huang 

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SKILLS

Languages	Python, Java, C/C++, C#, JavaScript (ES6), HTML5, CSS/Saas, SQL
Frameworks	React, Redux, ember.js node.js, JUnit/Mockito, NUnit, Parseq
Tools	Git, Elasticsearch, Google Cloud Datastore, SQL Server, Bash
Interests	Distributed Systems, Algorithms, Microservices, Machine Learning

EXPERIENCE

LinkedIn

Jan - Apr 2019

Software Engineer Intern - Sales Solutions

ember.js, Java+parseq, Sass

- Led end-to-end design and implementation of new cards UI for improved click-through rate
- Built and debugged RESTful APIs for a distributed search service
- Implemented extensible web components for a dynamic web application
- Wrote and maintained unit tests to ensure functionality of new and existing code

ChefHero

May - Aug 2018

Full Stack Developer Intern - Product

React, Redux, Python, Elasticsearch, HTML5, Sass

- Migrated existing email template system to a new third party service, **decreasing email related task times by up to 90% for 3+ teams**
- Led implementation of dynamic link support for greater cross-platform functionality
- Maintained and updated database schema and their respective Elasticsearch queries

Veeva Systems

Sep - Dec 2017

Backend Engineer Intern - Vault (Product)

Java, Spring, JUnit/Mockito, SQL

- Designed and implemented scalable infrastructure for adding new internal data types, promoting code reuse and **reducing future required work by 60%**
- Implemented a logging service to collect data on job runtimes and statistics

Ultimate Software

Jan - Apr 2017

QA & Test Engineer Intern - Product

C#, .NET NUnit, SQL

- Automated test cases, **reducing backlog size by 80%**, streamlining regression test process
- Maintained and automated UI/API/database test cases for an enterprise application

Ministry of the Attorney General

May - Aug 2016

System Support Officer

Batch, PowerShell, MBSA

- Wrote Batch scripts to automate MBSA security reporting across multiple application servers

PROJECTS

WLP4 Compiler	Implemented compiler in C++ for a subset of the C++ language to MIPS
EMart	Shopping cart program utilizing the Tkinter GUI library
ArcadeEx	Arcade-style Tic-Tac-Toe, Hangman, and simple Alien Invaders in Pygame