

# Felix Sun

4A Computer Engineering  
University of Waterloo

## Contact

Jr2sun@uwaterloo.ca

(519) 572 9952

felixsun.me

## Languages

JavaScript

HTML

CSS

C

C++

Java

Ruby

Python

Verilog

VHDL

## Web Technologies

React

Node.js

Express

AngularJS

Ruby on Rails

Spring

Electron

MongoDB and SQL

## Hobbies

Hiking/Mountaineering

Photography

## Work Experience

### Software Engineering | American Express | Sept – Dec 2017

- Designed and developed web prototypes from scratch using React, Node.js and Express
- Designed website layout mock-ups using Adobe Illustrator and Photoshop
- Created methods to target insurance products to card holders based on their purchases, which won 3<sup>rd</sup> place out of over 200 global teams in American Express internal hackathon

### Full-stack Web Developer | TextNow | Jan – May 2017

- Maintained and developed new features for textnow.com, a large scale and heavily trafficked website with millions of users, using Backbone.js, Node.js and Express
- Implemented storefront design refresh that reduced page bounce rate by over 65%
- Created user account management system which reduced the number of support calls received
- Took responsibility for quality of assigned projects which includes: understanding requirements and impact, creating and updating unit tests, fixing bugs, and performance analysis with A/B testing

### Full-stack Web Developer | Veriday | May – Sept 2016

- Worked on enterprise level portal used by bank employees/advisors to generate and monitor both websites and marketing campaigns
- Designed UI and used entire stack to develop user management overhauled from the ground up
- Implemented and maintained back-end solutions: RESTful web service APIs, authentication, and data manipulations using Java and Spring MVC
- Designed and developed front-end UI, functionality, and API integration with Backbone.js, jQuery, Bootstrap and Less

### Quality Assurance Analyst | TD Securities | Sept – Dec 2014

- Created comprehensive test plans and performed system testing for market risk applications and databases using SQL

### Agile Test Engineering | Pivotal Labs | Jan – May 2014

- Implemented test cases for various customer facing mobile applications and websites

## Personal Projects | felixsun.me

### Windowed | windowed.io

- Electron application that allows users to upload photos to Instagram directly from their desktop with **40,000+ Downloads**

### Game of Thrones Death Timeline | deathtimeline.com

- A Game of Thrones television series fan site with **100,000+ visits** that documents every death on the show. Made with React and Ruby on Rails

### Marvel or DC | marvelordc.com

- A web base quiz game in which the user selects whether the presented character is from the Marvel or DC universe