

# TALENT ZENG

WEB DEVELOPER

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## Programming

### Frameworks

Angular.js  
React.js, Redux & Saga  
Ant design  
Meteor.js

### Languages

Python, C  
MySQL  
Javascript  
HTML/CSS, Jade

### Libraries

Highchart.js / d3.js  
Node.js, Express.js  
Bootstrap  
Sass  
Git, npm, gulp

### Unit testing

Enzyme  
Mocha  
Jasmine  
Chai  
Flow

## Summary

Web developer (ES6) with 3+ years of work experience in designing, prototyping, and developing enterprise websites. Specializes in React, Redux, Javascript and building modularized/scalable web components for long term sustainability.

## Experience

### Software Engineer, Sandvine

*Sept 2017 to Present (Waterloo)*

- Built a web platform that manages massive distributed network of servers in clusters instead of individually; **saving 100 hours/week** of configuration work.
- Built a web platform for sale engineers to quickly license and sell all web services/products to their clients, leading to **30 hours less work per sale**.
- Currently building a scalable web framework that builds modulated web components and dashboards base on user configuration files; enabling the company to create multiple variations of analytic dashboards without code. **Saving the company potentially millions and months of manual engineering labor.**

### Front End Developer, Looka (formerly logojoy)

*May 2017 to Sept 2017 (Toronto)*

- Built a feature that cut SVG font imprints in canvases by **reversing SVG paths**.
- Built a feature for the logo generator using javascript to align all SVG fonts and icons inside a logo container using **geometric SVG calculations**.
- Improved the logo editor performance from **3 seconds to 10ms**. Resulting in real-time response while editing logos.
- Built a feature that scale and position logos to **look realistic** in any image or product (ex. t-shirts, banners, doors, mugs).

### Software Engineer, Skywatch (NASA funded)

*Sept 2015 to Dec 2015 (Kitchener)*

- Built a comparison tool to detect moving objects from satellite images to **track real-time** space activities such as asteroids, supernovas, and other astronomical events.
- Built graphs and analytic tools provided by NASA for astrophysics research (d3.js).
- Built Skywatch's system admin to **configure** and **monitor** daily incoming data from NASA and user activities.

### Process Engineer, Scotiabank

*Jan 2014 to Aug 2014 (Toronto)*

- Built a web app that collects all completed tasks from each employee and creates a report for their managers to analyze, saving **2 hours/day** of manual work.
- Developed a script that automatically checks for errors in balance sheets reports. Reducing calculation errors from **20% to 2%** (VBA).

### Co-founder - Product Manager, Leafii

*Jan 2016 to Aug 2016 (Waterloo)*

- Created a search engine for personal websites using **Meteor.js** and **Angular.js**.
- Managed a team of 5 and **delegated tasks** to interns.
- Marketed Leafii to portfolio owners and recruiters.

## Education

### University of Waterloo

Bachelor of Science, Mathematical physics, class of 2017