

# TalentZeng

Front end developer

## contact

Waterloo, ON, Canada  
(226) 600 1480  
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http://talentzeng.com  
github.com/ttrzeng

## programming

javascript & jquery  
scss & html  
d3.js, highchart.js  
react & redux  
angular.js  
github, gulp, npm  
flow, enzyme, chai  
python, C

## education

Mathematical physics  
BSc, co-op program  
University of Waterloo

## languages

english  
mandarin  
cantonese fluency

## experience

### Sandvine

Front end engineer - feature lead  
Developing system admin control panels and network analytics dashboards to monitor, configure and optimize internet traffic for internet providers.

- Building and designing multiple web applications for sale engineers to configure and monitor their client's server's performance using **React, Redux/Saga** and **d3.js**.
- Implemented custom UI company theme with **scss**.
- Unit testing and fixing multiple web applications to ensure cross platform compatibility and functionality using **enzyme.js, flow.js** and **chai.js**.
- Worked in both agile and waterfall setting.

### Looka (formerly Logojoy)

Front end developer  
Built and created logos by manipulation svg paths using vanilla **javascript**.  
• Manipulated svg logo designs and front end features for Logojoy's artificial intelligence logo maker. Created new logo layouts and **svg path manipulations**.  
• Programmed svg canvas to animate logo svg particles on the background to speed up svg editing from **4 seconds to 20ms**.  
• Programmed modules to scale/translate logos on pictures.

### SkyWatch - NASA funded

Software Engineer  
NASA funded start up that maps real time events of space activities such as black holes, supernovas and other astronomical events.  
• Developed detail visuals using space data provided by NASA for astrophysicists using **angular.js, gulp, d3.js** and **css animations**.  
• Implemented complex space coordinate calculators and features.  
• Developed the front end of SkyWatch's system admin to collect daily incoming data from NASA and user activities.  
• Maintained and updated SkyWatch's **Cassandra** backend database.

### Scotiabank

Process Engineer  
Created and automated a software that monitors and tracks productivity of the financial district.  
• Developed software that automatically generate financial reports.  
• Programmed **.NET** platform that allows users to share and edit data.  
• Created Scotiabank's private analytic site with **Sharepoint**.  
• Reconciled financial transactions and balance sheets.

### Leafii

Co-founder, Front end developer  
Created a search engine specifically for personal websites/portfolios. Accumulated over 300 active users in 2 weeks.  
• Managed a team of 5 and delegated tasks to interns.  
• Developed the entire front end of Leafii using **meteor.js** and **angular.js**.  
• Marketed Leafii to portfolio owners and companies. Generated **\$1000 in revenue**.