

Talent Zeng

University of Waterloo

Bachelor of Science, Mathematical Physics

Graduated - April 2017

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github.com/ttrzeng

Languages & Technologies

Angular.js, React.js, Redux & Saga, Ant design, Meteor.js, Express.js, Node.js, MySQL, Javascript, HTML/CSS, Highchart.js / d3.js, Bootstrap, Sass, Git, Gulp, Enzyme, Mocha, Jasmine, Chai, Flow

Employment

Software Engineer **Sandvine** **Sept 2017 to Present (Waterloo)**

- Built a web app to simultaneously configure 10,000+ servers, saving **100 hours/week** in configuration time.
- Created a tool which provides licenses to clients for all company products, saving sales engineers **30hrs/sale**.
- Building a web framework that lets users dynamically create dashboards without code, saving **\$3.6M** in future development cost.

Front End Developer **Looka** **Summer 2017 (Toronto)**

- Created a script which improved logo alignment accuracy to **90%** by geometrically aligning fonts/icons.
- Made the logo editor **100x faster**. Resulting in real-time response while editing logos.
- Built a feature that aligns logos to look realistic on any image or product (ex. t-shirts, banners, doors, mugs).

Product Manager **Leafii** **Winter & Spring 2016 (Waterloo)**

- Designed and built a search engine for personal websites used by **200 users**.
- Managed a team of 5 and delegated tasks to interns.
- Marketed Leafii to portfolio owners and recruiters which lead to **\$2000 in revenue**.

Software Engineer **Skywatch** **Winter 2015 (Kitchener)**

- Removed inaccuracy of satellite data by **80%** by creating a comparison tool that removes false positives.
- Created graphs and analytic tools for astrophysics research for NASA and professors.
- Built Skywatch's system admin to configure and monitor daily incoming data from NASA and user activities; saving **8 hours / day** of manual work.

Process Engineer **Scotiabank** **Winter & Spring 2014 (Toronto)**

- Built a web app that collects daily completed tasks and automatically creates a report for managers.
- Increased **10x** calculation accuracy by writing a script that checks for errors in balance sheets.
- Designed and built a **VBA software** that allows employees across the bank so share & edit financial reports.

Projects

OneHouseUp (<http://www.onehouseup.ca>)

- Developed web app that takes in specific real estate property data and creates a detailed financial projection to show if the property is a good investment.
- Created graphs and analytics tools to help novice real estate investors to understand the important variables that dictates a good property investment.

ProductOne (<https://github.com/ttrzeng/productOne>)

- Developed a basic boilerplate in React that allows developers to build a web store without a backend.