

Talent Zeng

University of Waterloo

Bachelor of Science, Mathematical Physics

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<https://talentzeng.com>

github.com/ttrzeng

Languages & Technologies

React.js, Redux & Saga, Bulma, Express.js, Node.js, Javascript, HTML/CSS, Highchart.js/d3.js, Bootstrap, Sass, Git, Enzyme, Jest, Flow, Typescript, MUI, Jenkins, styled-components

Employment

Software Engineer

Okta | Auth0

Oct 2021 - Present (Remote)

- Upgraded Okta/Auth0's UI library for future feature scalability and maintenance.
- Modernized Okta's codebase with React, **reducing engineering onboarding time by ~40%**.
- Built reusable components for Auth0's doc page, resulting in a **20% decrease in future feature build time**.
- Created custom form components, **reducing form-related development by 70%**.

Senior Software Engineer

Yuhu

Jan 2021 - Oct 2021 (Toronto)

- Improved client workflow, **resulting in a 60% increase in processing payments and maintenance efficiency**.
- Managed a team of engineers and designers for feature planning, architecture, and execution.
- Built payment features in Yuhu's main app to **increase revenue by ~\$2 per unit for 200k units**.
- **Reduced technical debt by 10%** and optimized Yuhu's engineering management workflow.

Software Engineer

Sandvine

Sept 2017 - Jan 2021 (Waterloo)

- Built a web app to simultaneously configure 1,000+ servers, **saving 100 hours/week in configuration time**.
- Created a tool that 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 costs**.

Front End Engineer

Looka

Summer 2017 (Toronto)

- Played a key role in **improving logo alignment accuracy to 95%** by geometrically aligning fonts/icons.
- **Accelerated the logo editor by 100x**, enabling real-time response during editing.
- Built a feature that aligns logos to look realistic on various products (ex. t-shirts, banners, doors, mugs).

Software Engineer - Intern

Skywatch

Winter 2015 (Kitchener)

- **Eliminated inaccuracy of satellite data by 80%** by removing false positives.
- Created graphs and analytic tools for astrophysics research for NASA and professors.
- Developed Skywatch's system admin to configure and monitor daily incoming data from NASA and user activities, **saving 8 hours/day of manual work**.

Projects

OneHouseUp - <https://www.onehouseup.ca> (no longer active)

- Developed a web app that takes specific real estate property data and creates a detailed financial projection to assess investment potential.
- Created graphs and analytics tools to help novice real estate investors understand essential variables for a good property investment.

Quantum UI Library - <https://quantum.okta.design> (active)

- Developed a UI component library for Okta/Auth0, including custom brand themes, charts, and forms for both light and dark mode.