



RUBY ZHUANG

FULL STACK DEVELOPER & ENGINEER

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- Toronto, ON

PROFILE

Enthusiastic and eager to learn Full-Stack Web Developer with a background in Chemical Engineering. Problem solver by nature with a passion to better the world through readable, clean and testable code. Creative, detail-oriented and self-motivated to continuously learn and grow.

EDUCATION

DIPLOMA, FULL STACK
WEB DEVELOPMENT

B.A.Sc
CHEMICAL ENGINEERING
WITH HIGH HONOURS

SKILLS

LANGUAGES
FRAMEWORKS & LIBRARIES
SYSTEMS & DATABASES
TESTING

EXPERIENCE

WEB DEVELOPER

PROJECT MANAGER &
SOLAR CAD ENGINEER

MANUFACTURING
ENGINEER INTERN

PROJECTS

DROP THE BEAT



INTERVIEW SCHEDULER



BUBBLES DELIGHT



TWEETER



Lighthouse Labs (March 2021 - June 2021)

- Immersive Full Stack Web Development Bootcamp

University of Toronto (September 2012 - April 2017)

- Minor in Sustainable Energy
- CGPA: 3.86, Dean's List at University of Toronto (2012-2017)
- Shell Canada Limited Engineering Scholarship (2015)
- Canadian Society for Chemical Engineering Medal (2015)

- C, CSS, HTML, Javascript, Matlab, Ruby, Visual Basic
- Ajax, Axios, Bootstrap, EJS, ERB, Express, jQuery, Knex, Material UI, Node, Rails, React, SASS, Socket IO
- Git, PostgreSQL, SQL
- Capybara, Chai, Cypress, Jest, Mocha, Rspec, Storybook

Lighthouse Labs (July 2021 - Present)

- Implement well-designed user interfaces while incorporating data from back-end databases
- Cooperate with business stakeholders to provide full-stack support for web applications
- Create, enhance and maintain software documentation of workflows, products and processes

Exactus Energy (May 2019 - March 2021)

- Oversaw numerous projects while communicating milestones to internal and external parties
- Collaborated with various teams to ensure high client satisfaction and accuracy in deliverables
- Optimized solar panel layouts on residential and commercial buildings for maximum efficiency

Sanofi Pasteur (September 2015 - August 2016)

- Analyzed test information and results of vaccine bulk products for deviations on a regular basis
- Prepared and executed protocols to support various root cause analysis investigations
- Improved Standard Operating Procedures to ensure smooth running of manufacturing processes

- Fun and competitive multiplayer "name that song" game built using the PERN stack.
- Front-End:** React, Axios, Material UI, Socket IO Client, HTML, SASS
- Back-End:** Node, Express, Socket IO, PostgreSQL

- React based project to create and manage meetings for students to connect with mentors.
- Front-End:** React, Axios, Classnames, HTML, SASS
- Back-End:** Node, Express, PostgreSQL
- Tests:** Storybook, Jest, Cypress

- Full-stack app to provide a food ordering experience for a fictitious restaurant that sells bubble teas.
- Front-End:** jQuery, Ajax, HTML, SASS
- Back-End:** Node, Express, PostgreSQL

- Single-page Twitter clone powered by Ajax.
- Front-End:** jQuery, Ajax, HTML, CSS
- Back-End:** Node, Express