



# 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

#### 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)

### SKILLS

LANGUAGES  
FRAMEWORKS & LIBRARIES  
SYSTEMS & DATABASES  
TESTING

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

### PROJECTS

DROP THE BEAT



- 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

INTERVIEW SCHEDULER



- 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

BUBBLES DELIGHT



- 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

TWEETER



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

### EXPERIENCE

PROJECT MANAGER &  
SOLAR CAD ENGINEER

#### 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

MANUFACTURING  
ENGINEER INTERN

#### 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