

# ZHENZHEN YOU

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## SKILLS

- **LANGUAGES:** JavaScript, Python, HTML, CSS, Sass, EJS, SQL
- **LIBRARIES AND FRAMEWORKS:** Node, React, MySQL, SQLite, MongoDB, Express, Inquirer, D3, Bootstrap, Materialize, jQuery, OAuth
- **TOOLS:** Git, GitHub, Bash, npm, Yarn
- **TESTING:** Jasmine

## PROJECTS

### Viztory 2018

Created a [data visualization application](#) to show house price change from 1975 to 2017. Built with Node, Express, MySQL, React, D3, Materialize, OAuth.

- Built components from scratch, including D3 bar charts.
- Features include customized bar chart animation according to different year, state level data and city level data.
- Cleaned and analyzed 16000+ rows of house price index data.

### Wall Of Wisdom

2018

Created a [quotes publishing application](#) to share inspirational quotes within the community. Built with Node, Express, MongoDB, Bootstrap, EJS, jQuery.

- Ideated a mobile responsive single page navigation web app that allows users to post inspiration quotes.
- Led a group of three peers to scope down the project, build features, and fix bugs.
- Built features such as input flow, user feedback, and animated carousel of quotes.
- Used Git and GitHub to streamline teamwork, version control, and code reviews.

### React Calculator

2018

Created a [calculator application](#) with React.

- Built components from scratch, including buttons, input box and animations.
- Based on my previous project jQuery Calculator, translated jQuery code to React code, and polished the operation function to cover edge cases.
- Features include consecutive operations, operations on negative numbers and decimals.

## EMPLOYMENT

### Research Assistant, Renmin University of China, Beijing, China

2007 - 2009

- Managed investigation of 150+ citizens from 4 communities in China, as part of the computer-assisted survey of 1000+ samples.
- Conducted in-depth interviews with 20+ female sex workers during the research on HIV/AIDS prevention and intervention in China.

### Research Assistant, Purdue University, West Lafayette, IN

2012 - 2012

- Worked with statistical analysis software (SPSS Statistics) to analyze data with 2903 observations and 1470 variables for a project on international and domestic students.
- Conducted analysis such as frequencies, standard deviation, mean, bar chart, percentage, cross tabulation.

## EDUCATION

### Techtonica Apprenticeship - 2018

- 6 months software engineering program, focusing on algorithm, data structures, and computer science fundamentals.
- Built full-stack web applications with JavaScript, SQL, and the MERN stack: MongoDB, Express, React, Node.

### MotherCoders - 2016

- 8 weeks hands on web development program, focusing on HTML, CSS, and JavaScript.
- Skills based workshops on UX, design thinking, prototyping, Git/GitHub, and web applications security taught by industry leaders from companies such as Slack, Lyft, StitchFix.

### Purdue University

- Master's, Anthropology 2013

## AWARDS

### Techtonica Scholarship

2018

- Awarded the Techtonica Scholarship, sponsored by a pool of tech companies, to provide underrepresented women and non-binary adults with immersive software development training. See article on [Medium](#).

### MotherCoders Scholarship

2016

- Awarded the MotherCoders Scholarship, sponsored by local tech companies, to allow moms to attend immersive web development training. See story on [MotherCoders](#).

## ACTIVITIES

- 2018: Participated in React workshops at O'Reilly Fluent Conference, San Jose, CA.
- 2018: Participated in F8 Conference with Techtonica as a partner – Facebook, San Jose, CA.
- 2018: Volunteered at CONNECT Conference – Women Who Code, San Francisco, CA.
- 2018: Volunteered at Celebrating Women in Tech Conference – Google Developer Group, San Francisco, CA.
- 2018: Participated in International Women's Day Summit – Women TechMakers, Mountain View, CA.
- 2018: Completed JavaScript course series – Rithm School, online.
- 2017: Completed University of Michigan's Python Specialization – Coursera, online.