

# Wendy W Cheung

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Portfolio: [wendycheung.me](http://wendycheung.me)

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## Summary

Software Engineer with a Fine Arts degree who enjoys operating at the intersection of design and technology, for the purpose of delivering intuitive and performant user experiences that drives engagement.

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## Technical Skills

*In Depth* - Javascript(ES6) | HTML5 | JQuery | CSS3 | Node/Express | React | Angular | MySQL | Git  
*Experienced* - React Native | D3 | Redux | Sass | MongoDB | Redis | Grunt | Webpack | TDD

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## Software Engineering Project

**Squirrel | Full Stack Engineer** | [github.com/wendy-c/SquirrelWebServices](https://github.com/wendy-c/SquirrelWebServices)

*Web and Desktop application to cache reading materials*

- Created responsive UI with React, Webpack, Materialize and CSS3 for beautiful and accessible interface across all device sizes
- Implemented Redis caching server to drive front end performance, achieved one order of magnitude reduction in AJAX request to Readability API ([github.com/wendy-c/SquirrelDBRedisService](https://github.com/wendy-c/SquirrelDBRedisService))
- Architected relational schemas with MySQL and Sequelize for efficient data storage and querying
- Implemented modular microservice architecture for enhanced scalability

**Flash! | Front-end Engineer** | [github.com/wendy-c/flash-mob](https://github.com/wendy-c/flash-mob)

*Location based event planning mobile app*

- Built mobile app with React Native components for consistent UI across devices
- Integrated geolocation and Google Geocoding API for fast and accurate location results
- Implemented UI for user input validation with component lifecycle events, queried server with AJAX for password authentication or existing session

**Tickr Taker | Front-end Engineer** | [github.com/wendy-c/TickrTaker](https://github.com/wendy-c/TickrTaker)

*Competing marketplace for time sensitive assets*

- Created a single page application using React/React Router for better user experience
  - Utilized PostgreSQL for highly relational data and queried with Sequelize ORM
  - Styled the application with CSS3 and Bootstrap for responsive and delightful UI across devices
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## Professional Experience

**Lexus of Serramonte - Internet Sales Manager**

2012 - 2016

- Managed and responded to online vehicle inquiries, handled over \$10M worth of sales annually
  - Educated customers and understood their needs to determine the best product choice, maintained customer service satisfaction at top 8% nationwide
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## Education

**Hack Reactor**, Advanced Software Engineering Immersive Program

2016

**Academy of Art University**, BFA Fashion Design

2008

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## Personal

Ukulele musician. National Parks explorer. Toy poodles owner. Music Festival goer. Pancakes enthusiast. Native proficiency in English, Cantonese and Mandarin. Lived in Sydney and Hong Kong.