

# JEREMY QIAN

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[Personal Page](#) ◇ [Github](#)

## TECHNICAL QUALIFICATIONS

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- Skilled with Python (Django) and NodeJS (Express and Apollo Server) for back-end development
- Skilled with ReactJS, ES6, and Typescript for front-end development
- Experienced with data structures, algorithms and object-oriented design
- Experienced with developer tools such as Git, Docker and Linux Shells
- Experienced with building CI/CD pipelines using Bitbucket, Jenkins and Artifactory
- Experienced designing relational and NoSQL database schema

## WORK EXPERIENCE

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**Wayfair** Nov 2021 - Present  
*SDE II*

- Actively resolved critical issues with immediate supplier impact
- Actively contributed to migrating the Wayfair's PHP monolith into microservices
- Developed and maintained the Wayfair front-end with React and back end with Java

**Wave Accounting** Jul 2020 - Aug 2021  
*Software Engineer*

- Led the redesign of the Wave Receipts feature - used by 800,000+ users
- Actively contributed to migrating the Wave monolith structure into microservices
- Developed and maintained the Wave front-end with Typescript-React, Redux, and Apollo GQL

**Thales Canada** Aug 2019 - Jul 2020  
*Software Analyst & Developer*

- Responsible for developing the Vehicle OnBoard Control firmware for the Queens Boulevard Line
- Developed integration and unit test suites for 100% requirement and code coverage
- Developed static code analysis tools to aid in safety and compliance efforts

**Siemens Canada** Apr 2016 - Jun 2019  
*Software Developer*

- Responsible for R&D and product launch of Siemens CloudConnect (IoT Gateway)
- Responsible for creating performant Python and JS servers for use in embedded systems

## PERSONAL PROJECTS

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**Reversi!** [Github](#) ◇ [Deployed Site](#)

- Multiplayer reversi - developed as a ReactJS web app with a Django back-end

**Offensive Hearts** [Github](#) ◇ [Deployed Site](#)

- NodeJS and SocketIO based multi-player memory game; deployed on an Amazon EC2 Instance

## EDUCATION

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**McMaster University** 2012-2016  
Bachelors of Software Engineering *Graduated on the Dean's List*