

# Michael Yang

Brooklyn, NY | (347) 497-0639

[ledongyang@gmail.com](mailto:ledongyang@gmail.com) | [github.com/ledongyang](https://github.com/ledongyang) | [linkedin.com/in/michaelyangldy/](https://linkedin.com/in/michaelyangldy/)

## TECHNICAL SKILLS

*Proficient:* JavaScript / ES6, NodeJS / ExpressJS, ReactJS, Algorithm implementation, Design Patterns, Object-oriented programming, Automated Testing, CSS3, and Git.

**Knowledgeable:** Python, PostgreSQL, Sequelize (ORM).

## PROJECTS

War Game • Programmer

March 2018

*A multiplayer ‘Command and Conquer’ style Real-Time-Strategy browser game.*

- Built with HTML5, pure JavaScript, and websocket.
- Applied various practical JavaScript design and architectural patterns such as prototypal inheritance, factory, command, and etc. for the best practice.
- Implemented various algorithms commonly used in RTS genre games such as path finding and steering.

React Components • Programmer

March 2018

An open source React UI Component library built on top of UIkit CSS framework.

- Built with ReactJS, JavaScript, and NodeJS.
- Designed with atomic design principles in mind.
- Dynamically generating documentation keeping sync with actual UI components.

Geo-Assassin • Programmer

October 2017

*A multiplayer web app simulates live-action game Assassin.*

- Built with ReactJS, Redux, and Firebase.
- Developed in a team of four developers utilizing github for agile methodology.
- Developed a custom UI integrated Google map API for real-time locations rendering.

## WORK EXPERIENCE

Teach Assistant in Calculus II course • University at Buffalo • September2014 – January2015

- Assisted professor grading student's homework and exams.
- Held review sessions and office hours to answer students' questions and review course materials in a weekly basis.
- Tutored all students, was able to raise average class grade to B.

## EDUCATION

- **Fullstack Academy** – New York, NY – Fullstack Immersive Program      October 2017
- **SUNY University at Buffalo** – Buffalo, NY - BS, Computer Engineering      June 2016