

GUOHAO OUYANG

Full Stack Developer

Email: guohao.ouyang@gmail.com

Github: <https://github.com/GuohaoOuyang>

Blog: <https://gojsblog.herokuapp.com/>

Portfolio: <https://gojsportfolio.herokuapp.com/>

PROFILE

Highly Self-Motivated front-end developer with 3 years of experience building end-to-end responsive websites. Proficient in HTML, CSS, JavaScript and modern frameworks with react, redux, and sass. Accustomed to an agile and fast-paced work environment.

QUALIFICATIONS

- Programming Languages: Java, JavaScript, HTML, CSS, Sass, SQL, C
- Frameworks: React, Redux, Node.JS, Express, MongoDB, D3, Bootstrap, Materialize, Material-UI
- Tools: Git, VSCode, Docker, Postman, Nginx, Firebase, AWS EC2, CMD, Eclipse, Android Studio
- Operating systems: Linux[CentOS,Ubuntu], Windows, MacOSx

EDUCATION

York University

Toronto, Ontario

Bachelor Degree in Computer Science

2016.9 - 2020.4

- **Relevant Coursework:** Programming for Mobile Computing, Fundamental of Data Structures, Advanced Object Oriented Programming, Software Design, Design and Analysis of Algorithms

PROJECT EXPERIENCE

Ebook Store | [Github](#)

- Built an e-commerce platform called Fair featured secure back end authentication and administrator inventory system design.
- Established a mock server with Node and Express in ES6 syntax, hosted customized data schema with MongoDB.
- Implemented password encryption and JWT token authentication to better improve the security of user info and web content management.
- Designed back end administrator inventory management system with organized REST APIs endpoints and routes.
- Developed customized product page and shopping cart, integrated with PayPal/credit card APIs.
- Configured Nginx and deployed the MERN stack ebook store on an AWS EC2 instance to improve the performance and make good management application usage.

Tech Used: React, Redux, React Bootstrap, Nginx, MongoDB, Express, AWS EC2, PayPal APIs |

Time Used: 4 weeks

SPA Brochure | [Github](#)

- Designed a responsive landing page brochure called InovaGames aimed at a pleasing front end UI/UX design.

- Integrated Google map with marker, breathable web Lottie animation, and collapsible FAQs.
- Designed stylish auto-play carousels with manual control and a visible animation timer.
- Created parallax scrolling effect and detectable nav bar that hide on scroll down, show on scroll up.
- Implemented multiple uses of CSS animation including infinite scrolling banner, page transition animation. Wrote media queries to make the content compatible with different devices.
- Polished details with pseudo-elements and deployed the SPA on a Heroku instance.

Tech Used: React, Sass, Google Maps APIs, Lottie-web, Materialize, Heroku | Time Used: 2 weeks

Chess Solitaire (Course Project) | [Github](#)

- Built a 4 x 4 board game that supports features including setup, start, reset, move, redo and undo.
- Conducted unit tests for each feature to lower the debug cost and improve collaboration efficiency.
- Adopted multiple software design patterns include command, singleton and iterator to optimize code structure.

Tech Used: TDD, Command, Singleton, Iterator pattern | Time Used: 3 weeks

VOLUNTEER EXPERIENCE

Marketing Director

Chinese Professional Society, York University

2020 - Present

- Organized and led a team to provide marketing related solutions including poster design, article writing and social media management.
- Provided leadership, guidance and support to new members with events management skills.

Github Workshop

May 2018

- Conducted and led multiple workshops at York University partnering with WISE (Women in Science and Engineering) to teach Git and related technologies.

INTERESTS

- Snowboarding and soccer.