AIDAN OUYANG
Full Stack Developer

PROFILE
- Passionate about good coding practices, efficiency and quality
- Abilities to work collaboratively with team and independently on new application from the ground up
- Experienced working with Agile project management
- Strong analytical thinking, problem solving, and time management skills

QUALIFICATIONS
- **Programming Languages**: Java, JavaScript, HTML, CSS, SQL, C, Markdown
- **Frameworks**: React, Redux, Node, Express, MongoDB, Bootstrap, Material-UI, Styled-Components
- **Tools**: Git, VSCode, Docker, AWS, Nginx, Postman, Heroku, LaTeX, ZenHub, Slack
- **Operating systems**: Linux, Windows

EDUCATION
York University   Toronto, Ontario
Bachelor Degree in Computer Science   *2016 - 2020*
- Relevant Coursework: Programming for Mobile Computing, Fundamental of Data Structures, Advanced Object Oriented Programming, Software Design, Design and Analysis of Algorithms

PROJECT EXPERIENCE
Mentions Crawler | **Team Project**   **Github**

A web app that allows individual contributor or business owner to track the most up to date news that is taking place across different social media platforms
- Set up the database and initial model for the team
- Built dashboard skeleton and mention UI that matches theme alignment
- Created Twitter, NYT scripts that transformed raw data into formatted data to fit database schema
- Researched and set up bull task queues to handle distributed scraping jobs with cron services

Tech Used: MERN STACK, Bull, Puppeteer, Sentiment, Mailjet, Material-UI | **Time Used**: 4 weeks

Ebook Store | **Individual Project**   **Live Preview** | **Github**

A mock eCommerce solution
- Designed database, routes and endpoints to accommodate user-friendly features
- Enhanced security measures: forms built with Formik, user password being hashed, JWT token stored in localStorage to prevent CSRF, PayPal sandbox integration
- Offered convenient sign up/sign in and shopping cart process with whole customized modals

Tech Used: MERN STACK, Redux, React Bootstrap, Formik, Styled-Components | **Time Used**: 6 weeks

SPA Brochure | **Individual Project**   **Live Preview** | **Github**

A responsive SPA brochure aimed at providing an interactive front end UI/UX design
- Supported smooth scroll and parallax effect
- Implemented customized interactive UI components: detectable nav bar, infinite scrolling banner, breathable Lottie animation, animated counter, carousels with manual controls
- Created media queries for animated transition between different devices width

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

VOLUNTEER EXPERIENCE
Marketing Lead
CPS, York University   *2020.2 - 2021.2*
- Organized and led a team to provide marketing solutions regarding events propaganda
- Provided guidance and support to new members with events management skill