

Alexander Wu

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Portfolio <https://alex0n0.github.io/portfolio>

GitHub <https://github.com/alex0n0?tab=stars>

LinkedIn <https://www.linkedin.com/in/alexander-wu-149372194>

Summary

Full-Stack Web Developer with a background in information systems. Recent graduate of The Coding Bootcamp at the University of Sydney with the technical skills to efficiently turn designs into responsive front-end code connected to API servers either SQL or noSQL databases. Quick at understanding new concepts and enjoy sharing these findings with colleagues. Praised for writing highly readable code across multiple team projects. Recently completed a solo full stack MERN application from ideation to documentation and development. Primary focus is to become a developer who is capable across requirements gathering, design and development.

Skills (Tools | Libraries)

Front End	HTML5, CSS6 (css variables, flex and grid layouts), Sass, JS, jQuery, <i>Bootstrap</i> , Data visualisation (<i>Chart.js</i>), React.js
Back End	Consuming/creating RESTful APIs and web servers (Node.js, <i>Express.js</i>), <i>Handlebars.js</i> , SQL (MySQL, SQLite, <i>Mysql.js</i> , <i>Sequelize</i>), noSQL (MongoDB, <i>Mongo.js</i> , <i>Mongoose.js</i> , Google Firestore), Google APIs (Maps, Analytics)
Others	Git, Photoshop

Projects

“OrderAway” – React Application with User Accounts

Dec 2019

(Demo: <https://beanstalk03.herokuapp.com/> | Code: <https://github.com/alex0n0/OrderAway>)

Individual project of a SaaS application for restaurants with account creation and multiple user interfaces for business, kitchen and customer actions.

“Clicker Game” – Single Page React Application

Dec 2019

(Demo: <https://beanstalk88.herokuapp.com/> | Code: <https://github.com/alex0n0/reactclickergame>)

A memory based React.js clicker game with a Batman theme that randomises options and tracks current and high scores.

“Automender” – Appointment Website

Nov 2019

(Demo: <https://usyd-bc-project-two.herokuapp.com> | Code: <https://github.com/nick-ramsay/project-two>)

Group project of a mock platform-as-a-service application with account creation, update and appointment listings for mechanics, and appointment bookings for clients based on location and time.

“Eat Da Burger” – Node Server Website with MySQL Database

Nov 2019

(Demo: <https://beanstalk99.herokuapp.com> | Code: <https://github.com/alex0n0/eat-da-burger>)

Web application hosted on Heroku delivered via a Node server with dedicated API routes for create/read/update MySQL transactions using the ClearDB cloud service.

“Bamazon” – Node CLI Application

Oct 2019

(Code: <https://github.com/alex0n0/bamazon-cli>)

Node application that is run in the terminal/command line with a customer and manager interface for purchasing and managing inventory.

“LIRI Bot” – Node CLI Application

Oct 2019

(Code: https://github.com/alex0n0/LIRI_Bot)

Node application that is run in the terminal/command line with multiple APIs used (Spotify, OMBd, Bands in town) and recursive functions.

“ChowTown” – HTML, CSS, jQuery, Bootstrap Application

Sep 2019

(Demo: <https://elliloes.github.io/Project-ChowTown> | Code: <https://github.com/ElliLoes/Project-ChowTown>)

A web application for searching, saving and organising collections of favourite restaurants around the world to encourage exploration of more dining options locally and internationally. Includes the use of Google location API and browser local storage. Group project with complete front-end design process, agile scrum methodology and experience integrating front and back end components.

“Star Wars RPG” – HTML, CSS, jQuery, Bootstrap Application

Aug 2019

(Demo: <https://alex0n0.github.io/Star-Wars-RPG-Game> | Code: <https://github.com/alex0n0/Star-Wars-RPG-Game>)

“One vs all”-style game with a continuously changing UI and designed with consideration of UX shown in elements like semantically colored zones and disabled buttons depending on the game phase.

Work Experience

Material Creator

Mar 2016 - present

Edupia

Creating workbooks and trial papers for students, distributing workload of a project to smaller groups for faster work flow. Designing various utility tools such as interactive marking forms in Excel. Formatting materials for upload to database.

Education

The Coding Bootcamp at the University of Sydney

July 2019 - Jan 2020

Full Stack Web Developer Bootcamp

University of New South Wales

Mar 2015 - Aug 2019

Bachelor of Commerce/Information Systems