

GORDEN YONG

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EDUCATION

General Assembly Australia

Software Engineering Immersive Bootcamp

Sydney, Australia

Jan 2022 – Mar 2022

University of Nottingham

BEng (Hons) Electrical & Electronics Engineering

Nottingham, UK

Sep 2019 – Aug 2021

- Honours Second Class Division 1
- 1st Class Modules Achieved: Computer Aided Engineering (77%), Modelling: Methods and Tools (86%), Electronic Processing and Communications (82%)

University of Nottingham

Foundation in Engineering + First year Electrical & Electronics Engineering

Selangor, Malaysia

Sep 2017 – Aug 2019

PROJECTS

Crypto Scanner App

Technologies used: React.js, Axios, HTML, CSS

- Created a 2 page app that provides users price tracking services of the top 10 cryptocurrencies by market cap
- useState and useEffect hooks were used while interacting with CoinGecko API v3 via Axios
- React Router Dom v6 was implemented for dynamic routing between the 2 pages of the app

In-Game Item Auction App

Technologies used: Javascript, HTML, CSS, PSQl database, Express.js, Nodemon, dotenv, GitHub Collaboration

- Built a single-page auction themed app in a collaborative project with 2 other junior full-stack developers
- Constructed own database using PSQl which links to the front-end component via Express, Express-session
- Led 2 junior developers by overseeing the 2 week process and ensured quality assurance throughout the project

Crypto CRUD App

Technologies used: Sinatra, Ruby, PSQl, Javascript, HTML, CSS

- Produced a 4 page application which allows users to register/login, search/add cryptocurrencies to their watchlists
- Created own database for user profiles using schema while interacting with CoinCap 2.0 API via HTTParty
- Implemented bcrypt as the password-hashing function for user authentication

Personal Portfolio App

Technologies used: React.js, HTML, CSS

- Built a single-page responsive portfolio app that shows my skills and 4 of my projects over the span of 6 months
- Created up to 6 different components for different routing within the page
- Designed responsive layouts using CSS media query for smooth adjustments to various screen sizes

LEADERSHIP & EXTRACURRICULAR EXPERIENCE

Nottingham Investment Club

Committee member

Nottingham, Malaysia

Feb 2019 – May 2019

- Shared and exchanged knowledge on investment basics, technical & fundamental analysis in monthly meetings
- Assisted in setting up society booths during freshers week and collectively registered 30+ new society members

Student-Run Hands on Arduino Workshop Series

Instructional Assistant

Nottingham, Malaysia

Oct 2018 – Nov 2018

- Supported the instructor with the delivery of content throughout the workshop series in a team of 4
- Assisted classes consisting of 20+ students to troubleshoot technical issues and debugging

OTHERS

Languages: Malay (Int.), Mandarin (Advanced), English (Advanced), Cantonese (Advanced), French (Int.)

Programming Languages: JavaScript, HTML, CSS, Ruby, React.js, Node.js, Ruby on Rails, Python, C, C++, Matlab

Databases: Postgresql and sql related databases API integration , Ajax and Axios

Key Libraries: Express.js, Axios, Ajax

Cloud Platforms: Heroku, Cloudflare

Interests: Football (Won championships in inter-district competitions), Cryptocurrencies, Web-development