

Claire Tay Ming-Gui

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EDUCATION

- 08/2020 - General Assembly Software Engineering Immersive
10/2020
- [*Hayaku*](#), a buyer-to-seller eCommerce platform
 - Set up PostgreSQL, Express, React and Node stack
 - [*BakerInn*](#), a consumer-to-consumer eCommerce platform
 - Independently learned socket.io to set up live chat and notifications
 - Familiarised with git flow in group projects
 - Set up MongoDB backend and built REST API with Node/Express
 - [*Delego*](#), a shift scheduling application
 - Created a ReactJS single page application with redux thunk middleware
 - Formulated an algorithm to automate shift scheduling
- 10/2015 - University of Oxford, MSc Physics
07/2019
- Second Class Honours (Upper Division)
- 01/2013 - Raffles Institution
12/2014
- A levels: Physics A, Chemistry A, Mathematics A, Economics B
- 01/2009 - Methodist Girls' School
12/2012
- GCSE O levels: 10 GCSEs, 8 grade A1, 1 grade A2, 1 grade B3

PREVIOUS EMPLOYMENT

- 01/2020 - *The Nielsen Company, Retailer Vertical Intern*
Present
- Analysed sales data of fast-moving consumer goods to identify trends
 - Learned on-the-job how to use Tableau for optimal data visualisation
 - Researched and compiled market information for client deliverables
 - Used Python to automate some processes for regular deliverables
- 11/2018 - *VeriVin (as part of MPhys project), Laboratory Research Assistant*
03/2019
- Designed and built a novel apparatus for spectroscopic analysis of liquids
 - Made calculated improvements to the original design in an iterative process
 - Wrote a project report targeted at non-specialists
- 07/2017 - *Joji Bar, Server*
09/2017
- Worked as part of a small team to ensure good customer service
 - Conversed personably with an international clientele
- 07/2015 - *Assembly Cafe, Server*
09/2015
- Communicated clearly and amicably with co-workers and customers
 - Developed initiative to maximise efficiency in serving brunch crowds

OTHER SKILLS AND INTERESTS

Technology: HTML/CSS; Node/Express; PostgreSQL; MongoDB; Django; ReactJS; Redux; socket.io
Languages: Javascript; Python
Software: Tableau; Microsoft Office; iWork
Creative: Stand-up comedy; scriptwriting; guitar; baking