

Sean Ho

Process Engineer with a Passion for
Front End Development & Technology

Education

University of Bath, Bath Sep 2015 - Jul 2019
MEng (Hons.) Chemical Engineering; Upper-second Class Honours

HELP University, Kuala Lumpur Jan 2014 - May 2015
A Levels: A*AA – Further Maths, Maths, Chemistry

SMK Damansara Jaya, Petaling Jaya Jan 2009 - Nov 2013
SPM (GCSE Equivalent): 10A(8A+)

Experience

Deriv Services, Cyberjaya Oct 2020 – Present
Frontend Developer

- Engineered and maintained new features of Deriv's customer-facing static site & web app using React, Gatsby, MobX and our in-house WebSocket API.
- Interfaced with QA engineers and UI/UX designers to ensure thoughtful and coherent user experiences across Deriv's platforms.
- Improved static site performance by removing redundancies with code splitting, lazy loading and asset optimisation.

Aker Solutions, Kuala Lumpur Nov 2019 – Oct 2020
Process Engineer

- Process Engineer for the bid engineering & cost estimation of the \$2bn. Petrobras Mero-3 FPSO project up to project award for the detailed design.
- Collaborated hand in hand with MISC Berhad during the design phase.
- Prepared P&IDs utilising COMOS and assigned as COMOS superuser for project maintenance.
- Prepared simulation cases utilising HYSYS according to client's technical specification.
- Prepared heat & mass balances via HYSYS extraction from simulated cases.

Johnson & Johnson Sdn Bhd, Petaling Jaya May 2018 – Sep 2018
Packaging Engineer Intern

- Conducted qualification tests for new packaging materials to be released in the Asia Pacific region.
- Performed process validations of new packaging line for the production plant to accommodate new sachet products for the Philippino market.
- Conducted general inspection on packaging materials to minimise defect proportions on incoming stock.
- Verified colour specification of new packaging materials from local suppliers.

Accenture Solutions Sdn Bhd, Kuala Lumpur Jul 2016 – Sep 2016
Business Analyst Intern

- Product repricing project with Prudential Assurance Malaysia Berhad.
- Executed User Acceptance Testing (UAT), both functional and end-to-end validations, to confirm that all business requirements are met, system and process fit for deployment into production.
- Bridged gap between business users and offshore technical team in China Delivery Hub to create the solution design.
- Understand major decision-making procedures with clients on resource allocation and management for project completion.
- Developed an on-boarding deck and training slides for newcomers onto the project.

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Relevant Courses

- Build Responsive Real World Websites With HTML & CSS
- The Complete JavaScript Course 2020
- JavaScript: Understanding The Weird Parts
- Modern React With Redux

Computing Skills

Programming Languages:
JavaScript(ES6), Typescript, HTML, CSS/SCSS

Libraries & Frameworks:
React, Redux, Context, Gatsby, jQuery, Bootstrap, Wordpress, Node

Tools & Platforms:
Command Line, Git/Github, Devtools, NPM, Figma

Projects

Alcoholic Fizzy Ice-Lolly Design

- Collaborated with Unilever Engineers to design a product suitable for the UK market.
- Analysed economics & profitability of the business plan.
- Design of PFDs, P&IDs and HAZOP studies of production.

Budget App

- A budgeting web application that tracks income & expenses along with some infographics.

Personal Website

- Portfolio site created to showcase my skills and personal projects.

Voluntary Experience

After7 - Head of Videography

- Part of the comms & media team producing content showcasing the experiences at After7.

BAMSA – Sports Director

- Head organiser of our yearly sporting event, attended by approximately 300 students.

References Available Upon Request