

Ng Chun Wei Danny

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EDUCATION

NANYANG TECHNOLOGICAL UNIVERSITY, SINGAPORE	Aug 2019 – May 2022
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School of Electrical and Electronic Engineering

Bachelor of Engineering (Honours), Electrical and Electronic Engineering

SINGAPORE POLYTECHNIC

Apr 2014 – Mar 2017

Diploma in Electrical and Electronic Engineering

ACADEMIC PROJECT

NANYANG TECHNOLOGICAL UNIVERSITY	Aug 2021 – May 2022
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Final Year Project (Individual) - Title: Blockchain and Machine Learning

Applications for Smart Grids

- Awarded an A- grade.
- FYP was used in a demonstration as part of A*STAR's blockchain project.
- Built a fully functional decentralised peer-to-peer energy trading marketplace webpage leveraging on blockchain technology.
- Written smart contracts in Solidity and utilised python framework Flask to render html webpage.

WORK EXPERIENCE

PICKUPP – (Internship)	May 2021 – Jul 2021
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Intern (Software Engineer)

- Written and optimised new front-end functionality on their Warehouse mobile application using React Native to enhance user interface and experience.
- Successfully presented my findings and solutions to large audience including senior executives and stakeholders.
- Effectively addressed complex bugs using Reactotron and other tools.
- Worked with various developer tools such as Node.js, Docker and PostgreSQL.

TOPPAN ECQUARIA – (Internship)

Aug 2020 – Dec 2020

Intern

- Self-learnt HTML, CSS, JavaScript, JQuery, and Bootstrap and developed HTML mockups for a government-based web page, IPOS.
- Worked with Java Server Page and self-learnt JSP Scripting to create mockups which reduced time and effort in producing up to more than 5 pages at once.
- Assisted with the preparation of the functional specification documents for review and document sign off.

PROFESSIONAL DEVELOPMENT

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| • Machine Learning – Stanford University | Jan 2021 |
| • Front-end Web Development with React – The Hong Kong University of Science and Technology | Dec 2020 |
| • Front-end Web UI Frameworks and Tools: Bootstrap 4 – The Hong Kong University of Science and Technology | Nov 2020 |

SKILLS

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- **Languages:** Solidity, HTML, CSS, Javascript, JQuery, Python, SQL
 - **Platforms:** Ganache, Node.js Docker, PostgreSQL
 - **Frameworks:** Truffle, React.js and React Native
 - **Version Control:** Git