

# JUN MING OOI

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## EDUCATION

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### New York University Abu Dhabi, UAE

Sep 2020 – May 2024

- B.S. in Computer Science

### Sunway Cambridge GCE A-Levels, Kuala Lumpur, Malaysia

Jan 2018 – June 2019

- A\*AAA in Further Mathematics, Mathematics, Economics, and Physics

## SKILLS

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- Computer Languages: Javascript, Python, C++, HTML, CSS
- Frameworks/tools: React, d3.js, NextJS, GatsbyJS, Git, Figma, Photoshop
- Human Languages: Fluent in English and Hokkien; Conversational Mandarin and Malay

## RELEVANT EXPERIENCE

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### *The Gazelle, NYUAD - Abu Dhabi, UAE*

#### Web Chief

Jan 2021 – May 2022

- Used JavaScript, React, MySQL, NodeJS
- Maintain a 5-year-old codebase for a student newsletter that serves over 1000 viewers a month
- Contributed a requested feature to have the ability to add/remove access of admins from the admin panel itself
- Fixed a production-breaking bug that was delaying new issues by hours

### *HuDa Lab, NYUAD - Abu Dhabi, UAE*

#### Research Assistant

Oct 2021 – May 2022

- Worked in a team of 2 to build algorithm data visualizations for the course Database Management Systems
- Built interactive visualizations using d3.js for a few algorithms such as Linear Hashing, Extendible Hashing, Bloom Filters, R-Trees
- Implemented the visualizations on the course website, which is used as reference material by course students

### *Unix Lab, NYUAD - Abu Dhabi, UAE*

#### Unix Lab Monitor & Learning Assistant

Sept 2021 – Dec 2021

- Tutored/assisted over 20 unique students with CS/CPE assignments
- Assisted students with code and ideas for their projects, assistantships and internships
- Taught and provided learning resources for core CS concepts such as trees, hashing and depth-first search

### *eMasons Solutions - Kuala Lumpur, Malaysia*

#### Software Developer Intern

Sept 2019 – Apr 2020

- Used JavaScript, React Native, and Swift
- Contributed to the development of an iOS app for a visitor management kiosk using React Native, starting from project planning to project execution
- Ported a Python library used for facial recognition to Swift, and made it a React Native library to be used in the visitor management kiosk app
- Worked in an Agile/Jira based environment