

# Gabriel Yeo

✉ gabriel.yfy@gmail.com    📞 gb3h    📠 +65 96741086

## EDUCATION

---

### National University of Singapore

*BComp (Hons) in Computer Science GPA: 4.66/5.0*

**Singapore**

*Aug 2018 - June 2022 (Expected)*

## EXPERIENCE

---

### Sea Group

*Software Engineer Intern*

**Galaxis, Singapore**

*May 2020 - Aug 2020*

- Created a custom, full-stack Content Management System (CMS) for the internal business team.
- The CMS is the control center for the help center website and consists of category/tag creation and management, article editing and styling, full changelog features to track article changes, custom indexing, OAuth integration, and permission control.
- Created a responsive help center website for SeaTalk in ReactJS.

### Tagvance

*Systems Software Developer Intern*

**Pier71, Singapore**

*May 2019 - Sep 2019*

- Deployed and managed OSS IoT platforms on AWS (EC2) and DigitalOcean.
- Worked extensively with networking protocols including HTTP, MQTT, LoRa, and Bluetooth Low-Energy to implement a robust, remote IoT environment.
- Developed real-time workforce monitoring software to improve work-site safety for clients.

### National University of Singapore

*Teaching Assistant*

- CS3230 Design & Analysis of Algorithms
- CS1101S Programming Methodology I
- CS2030 Programming Methodology II

*Aug 2020 - Present*

*Aug 2019 - Present*

*Aug 2019 - Dec 2019*

## PROJECTS

---

### Sudoku Solver

*Sep 2019*

- Python project that solves Sudoku puzzles in seconds.
- Modelled the problem as a constraint satisfaction problem and utilised Artificial Intelligence techniques.

### Pathfinder

*May 2019 - Aug 2019*

- Pathfinder is an app designed to ease trip planning by automatically calculating efficient travel routes, developed under Orbital 2019, awarded highest achievement of Apollo 11.
- Developed using nodeJS with a custom implementation of Christofide's algorithm in JavaScript.

## AWARDS

---

- Facebook Hack (First Place)
- CodeIT Suisse Coding Challenge (First Place)

*Oct 2020*

*Sep 2019*

## SKILLS

---

- Experienced: Reactjs, Django, Python, JavaScript, Java, Git
- Familiar: NodeJS, AWS, Elasticsearch, MySQL, Nginx, C, C++

## CO-CURRICULAR

---

- NUS Computing Chess Captain

*May 2019 - May 2020*