

## Clemence Goh

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**Portfolio Website:** <https://clemencegoh.github.io/>

## Education

Singapore University of Technology and Design (SUTD)

May 2017 - Sept 2019

- Bachelor of Engineering (Information Systems Technology and Design), Honours

## Technical Skills

- Languages: Python, Go, Java, Kotlin, Dart
- Frameworks: SPRING, Angular, ReactJS, Flutter
- Fluent in English

## Work Experience

### DBS: Full Stack Developer

Oct 2019 - Present

- Developed REST endpoints using Kotlin and Spring framework
- Developed frontend application using Angular8

### Grab: Developer Experience Team, Intern

May 2018 – Aug 2018

- Completed a unified multi-layered command line tool for all test-automation tasks
- Designed and implemented a webpage displaying analytics for automated tests for all developers using ReactJS

### Grab: SDET team, Intern

May 2017 – Aug 2017

- Investigated bugs highlighted by Grab's internal testing infrastructure
- Collaborated with respective teams to solve said bugs quickly and effectively
- Designed tests to maintain uptime and quality of microservices using Go
- Organized a satisfactory cohesion outing for the team

# Academic Projects

## Blockchain: Flight Insurance DApp, Team Lead

Dec 2018

- Lead a team of 3 in developing a DApp that automatically gives insurance payouts depending on the flight status.
- Responsible for developing the smart contract in Solidity with Remix IDE, backend with python and flask, and frontend in vanilla html/css/js.
- Technologies: Solidity, Python, Ethereum, HTML, CSS, JS

## Web Security: Capture the flag, Team Lead

Mar 2019

- Lead a team of 4 in creating a web app with security vulnerabilities with a “flag” at the end to be captured.
- Responsible for creating a SQL injection problem, as well as integration of the final app.
- Awards: Won “Best Challenge Design” for creative problems.
- Technologies: Python flask, SQL database, Cryptography, Image Steganography, AWS EC2

## Machine Learning: Image Captioning with Deep Learning

Apr 2019

- Team of 3, developed an image captioning model which describes an image fed to it in a sentence.
- Responsible for creating the desktop GUI using python Tkinter, as well as improving bleu score by determining best data augmentation options to apply to the model.
- Awards: Chosen as one of two top Deep Learning projects to feature in SUTD
- Technologies: Python, Deep learning attention models, Pytorch, Tkinter.