

Emma Liu

Singapore

emma.liu@fakemail.sg | +65 8123 0196 | LinkedIn | GitHub

Education

National University of Singapore

Bachelor of Computing in Software Engineering

Aug 2017 – May 2021 | Singapore

GPA: 4.0/5.0

Activities: DSC Lead, Women in Tech Mentor, Peer Tutor

Relevant Coursework: Software Architecture, DevOps, Cloud, AI

Summer School: Stanford University 2020 (GPA: 3.9/4.0)

Work Experience

Backend Developer | Grab | Jun 2021 - Present | Singapore

- Developed microservices in Python with Flask, serving 5M users.
- Integrated Redis caching, reducing latency by 40%.
- Automated deployments with Helm and Argo CD.

Skills

Languages: Python, Java, JavaScript

Frameworks: Flask, Spring Boot

Databases: PostgreSQL, Redis

DevOps: Kubernetes, Docker, Jenkins

Certificates

CKA

Coursera: Cloud Computing Specialization

Awards

Grab Tech Innovator 2022

NUS Dean's List 2018–2021