

# Megan Yee

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## EDUCATION

### National University of Singapore (NUS)

Aug 2020 – Apr 2024

- Bachelor of Computing, Information Systems & Minor in Management
- University Scholars Programme (USP)
- Ngee Ann Kongsi \$10K Scholarship Recipient (AY20/21, AY21/22)
- Relevant Courses: Enterprise Systems Architecture and Design, Enterprise Systems Server-side Design and Development, Data Structures and Algorithms, Data Management & Visualisation
- Interests: Sports (Badminton, Soccer, Running), Music (Piano)

## TECHNICAL SKILLS

- Programming: Java, JavaScript, TypeScript, Python, SQL, HTML, CSS
- Technologies: NodeJS, ReactJS, Redux, Sagas, Angular, Tailwind CSS, Firebase, Jakarta EE

## WORK EXPERIENCE

### SWAT Mobility, Singapore, Solution Delivery Intern

Jan 2021 – Present

Technologies used: Python, SQL

- Developed a script with python to perform extensive data cleaning and created queries in SQL to automate processes, which improved the team workflow efficiency by 50%

### Skilio, Singapore, Software Engineer Intern

Aug 2021 – Dec 2021

Technologies used: Angular, TypeScript, NgRx

- Designed and implemented a feedback and testimonial collection system with Angular that is used by over 4000 users
- Developed the desktop version of the skills portfolio platform and improved the user interfaces for better user experience

## PROJECTS

### Developer Student Club Hack for Good 2022, Champion

March 2022

- Ideated and designed a job portal that matches employers and women of lower social mobility based on generated soft and technical skills — <https://devpost.com/software/bloom-0we36k>

### try{catch}, Singapore, Software Engineer

Dec 2021 – Present

Technologies used: ReactJS, Redux, Firebase — <https://github.com/CareerSocius/resumebuilder>

- Full stack web developer responsible for end-to-end web app development and feature integration
- Designed and implemented journaling and assessment features with ReactJS and applied redux middleware using redux-saga for CareerSocius' one-stop career platform to be used by over 5000 users

### NUS Fintech Society, Singapore, Frontend Developer

Aug 2020 – Aug 2021

Technologies used: JavaScript, ReactJS

- Designed and developed the frontend using ReactJS for a Decentralised App, building a lottery game
- Collaborated with Xfers to develop a Transaction Risk Detection web application with ReactJS (<https://tinyurl.com/t-risk-det>) to quantify the risks with Blockchain transactions

### supperJio, Singapore, Software Engineer

May 2021 – Sept 2021

Technologies used: ReactJS, Firebase, JAM Stack — <https://supper-jio.vercel.app/>

- Developed a location-based web application to consolidate food orders in student communities with ReactJS

## PROGRAMMES

### GovTech Girls in Tech Summer Programme, Singapore

May 2021 – Sept 2021

- Developed a recommendation system in Python with NumPy, Pandas, Scikit-Learn under the guidance of GovTech Data Scientist mentors

### Google Computer Science Summer Institute (CSSI), Singapore

Jun 2019 – Jun 2019

- Developed a crowd-sourcing web application in HTML, CSS, JavaScript, Python and Google AppEngine to map out accessible locations for people with physical disabilities