

Raivat Shah

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EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

BCOMP IN COMPUTER SCIENCE
University Scholars Programme
Expected May 2022

SKILLS

EXPERIENCED

• Python • Java • Javascript

FAMILIAR

• Haskell • \LaTeX
• SQL • MATLAB • React

COURSEWORK

Data Structures and Algorithms
Software Engineering
Computer Organisation
Programming Languages
Database Systems
Statistics and Probability
Artificial Intelligence
Machine Learning
Computer Networks
Quantitative Reasoning

AWARDS

2019 Laidlaw Research Scholarship

Worldwide leadership and research programme

2017 IIT Mathagon

2nd position in a Mathematical Competition conducted by the Indian Institute of Technology, Gandhinagar

2015 National Ed-Tech Summit

Awarded 2nd position for an app-design to promote voter awareness in India

LINKS

Github:// [raivatshah](https://github.com/raivatshah)

LinkedIn:// [raivats](https://www.linkedin.com/in/raivats)

Twitter:// [@RaivatShah](https://twitter.com/RaivatShah)

Medium:// [@Raivat](https://medium.com/@Raivat)

EXPERIENCE

PAYPAL | SOFTWARE ENGINEERING INTERN

May – July 2020 | Singapore

- Built new functionality and resolved critical issues for an internal tool used by **30 employees** (ReactJS, NodeJS and MySQL).
- Streamlined the data pipeline for analysing APIs to reduce time spent on analysis by **> 50%** (Python).
- All code was reviewed by full time engineers and **shipped to production**.

NUS USP QR CENTRE | QUANTITATIVE REASONING ASSISTANT

Aug 2019 – Present | Singapore

- Taught and guided students in data cleaning, **data analysis, programming and data visualizations** (Python).
- Offered consultations to students undertaking Quantitative Reasoning classes.
- Revisited classwork such as **data analysis reports** and essays.

PROJECTS

NUS CLASSBOT | AUTOMATE ATTENDANCE TAKING IN CLASSES

Feb 2019 – Present | Singapore

- Worked with two other students to create a Telegram Bot that automates the attendance taking process in NUS classes (Python, Redis, Telegram API, and AWS).
- **Used by more than 1400 students** in NUS in two years
- Current version live at: <https://t.me/CS1101SBot>.

CHARITRY | ANDROID APP FOR PRODUCTIVITY

January 2020 | Singapore

- The productivity app automatically donates money from a user's credit card if they procrastinate.
- Worked on the backend server and the payments infrastructure (**Express JS and Stripe API**)
- DevPost Link: <https://devpost.com/software/charitry>

EXTRACURRICULAR

TEDxNUS 2019 | CO-LEADER, ORGANIZING COMMITTEE

August 2019 – April 2019 | Singapore

- **Co-led** a team of 30+ students to organize 2019's TEDxNUS event with 8 speakers
- Managed logistics, social media promotions and **built a website for the event** (HTML, CSS and Javascript).
- Event on TED: <https://www.ted.com/tedx/events/33450>

USP DATA JOURNALISM 2019 | CHAIRMAN, ORGANISING TEAM

August 2019 - February 2019 | Singapore

- **Led** a team of 10 students to organize an interdisciplinary hackathon.
- Liaised with speakers, industry partners and **built a website for the event** (HTML, CSS and Javascript).