

# Rui Xiang Lin

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## EDUCATION

Nanyang Technological University, Singapore

Aug 2020 – Present

Bachelor of Engineering (Computer Science) – Year 3

## EXPERIENCE

FaceSec Singapore, Software Engineer Intern

Dec 2021 – Jul 2022

- Develop full-stack web application on React, Vue, and Springboot
- Designed and implement UI for admins and clients consoles using Figma
- Incorporated Materials UI library for development
- Maintained CI/CD of dockerized applications using GitLab on AWS

## PROJECTS

Youtility, Academic Project

- Developed a mobile app to track and analyse household utility consumptions with Java, Node.js, MongoDB
- Designed and implement UI with Figma

IdeasJam2021 Hackathon, NTU

- Developed a webapp to handle and store datapoints on hydroponic plants growth with Node.js and MySQL
- Design and display analysis of data points collected to optimise plant growth

CodeFiesta Hackathon, GovTech

- Design and implement a integrated webpage for travellers to access government related information regarding COVID19 travel regulations and restrictions

LifeHack 2021 Hackathon, NUS

- Developed a mobile app with React Native to match users of close proximity for activities to encourage face-to-face interaction in a post COVID19 world.
- Integrated firebase for authentication and GoogleMaps API for map and tracking functionalities

Movie Award Nomination Predictor, Data Science Academic Project

- Trained a model with datasets from Kaggle, TMDb to predict if a movie would be nominated for an award with Random Forest.
- Experimented and tuned the model with various parameters of a given movie to optimise model.

## TECHINICAL SKILLS

**IT Skills:** Knowledge of C, Python, Node.js, Express.js, CSS & HTML, React, Materials UI, Java SpringBoot, MySQL, MongoDB, Figma

**Languages:** Proficient in spoken and written English and Chinese