

Bryan Lim

+65 8541 6363 • limbryan00@gmail.com • linkedin.com/in/bryan-lim-b9a95a1bb • github.com/zonpig

EDUCATION

Nanyang Technological University (NTU) **Aug 2021 - May 2025**
Bachelor of Engineering in Computer Science & Bachelor of Business (Business Analytics)

- College Scholarship

WORK EXPERIENCE

Govtech Singapore **Jan 2024 - Aug 2024**

Cybersecurity Engineer Intern

- Contributed to add UI Features to Cloudybara, a customised version of Neodash, using **React.js in Typescript**
- Developed a **Python Package / Command Line Interface (CLI) tool** that acts as an AWS IAM analyser that visually maps out permissions, policies, and roles, and also provides a privilege escalation report for the provided IAM file using **Python**
- Documentation of the CLI tool using **Sphinx** and conducted unit testing using **Pytest**
- Develop the CI/CD pipeline of CLI tool to ensure testing against various Python version, building of packages and hosting of documentation on **Gitlab**

DSO National Laboratories **May 2023 – Aug 2023**

Software Developer Intern

- Developed a full-stack web-based user interface for emerging systems that streams live video feeds and targets in a list, in a picture and on a map using **React.js in Typescript, Socket.IO, Flask** and **ZeroMQ**
- Created a UI tester to simulate real-life inputs into the user interface using **React.js in Typescript, Flask**

DBS Bank **May 2022 - Aug 2022**

Junior Application Developer

- Refactored a dashboard, tracking AWS features across the various business units, to utilise Pub/Sub using **Angular** and **Express**
- Made a dashboard for business unit to track usage of AWS services by utilising **Apache Superset** and **MariaDB**

PROJECTS

Revent

- Won Grand Prize under the Sustainability Track at HackSingapore 2023
- Developed a mobile and web application coupled with a hardware device to allow people to receive receipts as digital receipts through NFCs
- Implemented using **React, React Native, Firebase** and **Arduino**

TechUp

- Won 3rd place for NTU SCSE TechFest
- Created a portal for job seekers to navigate the career paths in the tech industry, to raise awareness of the tech jobs available and, to assist job seekers in advertising themselves, starting from developing effective resumes.
- Built using **Vue, Flask, OpenAI API**

ByteResume

- Won Best Freshman Hack at iNTUition v8.0 2021
- Developed a telegram chatbot that generates for users a resume template upon communicating with them and extracting relevant information from the conversation.
- Built using **Python, Python-Docx, Telegram API**

CO-CURRICULAR ACTIVITIES

NTU Computer Science and Engineering Club **Aug 2022 - May 2023**

Logistic Executive

- Organised and delivered logistic support to over 10 events hosted by club, including workshops, welfare distribution and orientation camp
- Oversee the revamp of school's lounge to make lounge more suited towards needs of over 1500 students for studying and relaxation

TECHNICAL SKILLS

Programming Languages: Python, HTML, CSS, Javascript, Java, SQL, R, C

Libraries/ Frameworks: React, React Native, Node, Express, Flask, Firebase, MySQL, Docker, Gitlab CI/CD