

LEE PENN HAN

HP: (+65) 97337869 Email: leepennhan98@gmail.com

EDUCATION

National University of Singapore (NUS)

Aug 2019 – May 2023

Bachelor of Computing in Computer Science (Hons)

- Cumulative Average Points: 4.56/5.00

TECHNICAL SKILLS

- Programming Language: Python, Java, JavaScript.
- Web Development Skillset: MERN Stack.

WORK EXPERIENCE

Research Engineer Intern,

May 2021 – Aug 2021

Biztech, Infocomm Media Development Authority (IMDA) , Singapore

- Researched on Emerging Technology through bibliometrics of scientific publications.
- Employed community detection and NLP solutions to cluster documents and analyse emerging research areas.

Software Engineering Intern,

Jun 2020 – Aug 2020

DSL, Infocomm Media Development Authority (IMDA) , Singapore

- Developed the Backend Architecture of a web application that involved extracting information from .docx files and organizing the data on a web interface via RESTful API for analysis and auditing.
- Researched and created a software to process .docx documents programmatically.

Software Engineer Intern,

Feb 2019 – Jun 2019

Boxgreen Private Limited, Singapore

- Created web-scraping scripts to list out prices of products for analysis.
- Created VBA scripts to automate printing of order fulfilment invoices.
- Created an automated Abandon Cart Email System.

PROJECTS

Software Engineer, NUS CS3244 Machine Learning

Aug 2021 – Dec 2021

- Designed a Siamese Neural Network NLP solution for a module project with Quora Question Duplicate Detection dataset.
- Analysed various solutions such as XGBoost, Random Forest Classifier, Support Vector Machine etc. for feasibility

Software Engineer, NUS Orbital (Apollo 11), Singapore

May 2020 – Aug 2020

- Used MERN Stack to develop a gamified Quiz Trivia Web application, Scholarsheep.
- Achieved Apollo 11 ranking, the Second Highest possible Grade Ranking.

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ACHIEVEMENTS

NUS Dean's List AY2020/2021 Semester 2

May 2021

- An award for exemplary academic performance awarded by the National University of Singapore

Smart Nation Scholarship Recipient

Aug 2019

- A prestigious public service scholarship that aims to transform Singapore through Technology.

Goh Chok Tong Nextgen Outstanding Student Leader Award

July 2014

- Awarded to outstanding student leaders in recognition to their contributions to their organization.