

# Zhiheng Liu

Singapore | +65 8309-9012 | zaynjarvis@gmail.com | github.com/zaynjarvis

## Software Engineer – Narus Knowledge Pte. Ltd Singapore, 02/2019 – Present

- Developed a full-stack automated and intelligent legal knowledge management platform. The product is used by over 400 users in Singapore. *Angular, Node.js, MongoDB, Elasticsearch, Nginx*
- Designed and implemented a multi-match fuzzy string searching algorithm to achieve featured strings extraction from long articles. *longest common string, Levenshtein algorithm, Typescript*

## Software Engineer Intern – Visa Inc. Singapore, 05/2019 – 08/2019

- Enhanced corporate-level server monitoring platform with features like process and file system monitor, automated ticket submission, and alarm notification. *Java Spring, Activiti, Angular, MongoDB*
- Designed and developed an internal search platform, benefiting the team of 40 members to search for internal knowledge, documentation and articles. *Angular, MongoDB, Elasticsearch*

## Software Engineer Intern – SDI Academy Singapore, 06/2018 – 09/2018

- Developed Dr. English Mobile App prototype to complete for the *Singtel Future Maker* project. *Flutter*

## Chair of HackOSS Committee – NTUOSS Student Association Singapore, 06/2019 – Present

- Organized coding projects to help NTU students involve real-life problems and improve problem-solving capability with programming, building a community with more than 50 coders from NTU.

## Technical Director – NTUOSS Singapore, 06/2018 – 06/2019

- Teaching coding lectures on React, Emacs, and Flutter. Helping more than 300 audiences on learning to code.

## PROJECTS

### NTUVibe *team project* Singapore, 07/2018 – Present

- Developed NTU course schedule generator. Helping the web app gain above 1000 hits in peak days, benefiting all the NTU students to check course timetable in calendar apps. *React.js*

### NTULearn Tweak *individual project* Singapore, 05/2018 – 10/2018

- Developed a Chrome extension to enhance NTU student course platform with better UI design, customized background, and message forwarding functionality, benefiting more than 70 NTU students up to now. *Google Extension*

## EDUCATION

### Nanyang Technological University, 2017 GPA 4.9/5.0

B.E. in Electrical and Electronic Engineering

### University of California, Los Angeles

Education Abroad, Summer Study

## ACTIVITY & AWARD

Science and Technology Scholarship, Dean's List (2017 - 2018), Dean's List (2018 - 2019), Bank of America Merrill Lynch, *Code to Connect* Champion, HackOMania Hackathon finalist, Beijing-Chicago Pegasus Model United Nation outstanding delegate.