Zhiheng Liu

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

EDUCATION

Nanyang Technological University   08/2017 – 06/2021 (expected)   GPA 4.9/5.0
B.E. in Electrical and Electronic Engineering

University of California, Los Angeles   07/2018 - 09/2018
Study Abroad, Summer Study

EXPERIENCE

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, 05/2018 – 07/2018

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

ACTIVITY

Chair of HackOSS Committee – NTUOSS   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

- Taught coding lectures on React, Emacs, and Flutter. Helping more than 300 audiences to learn coding.

PROJECT

NTUVibe   *team project*   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*   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*

AWARD

Science and Engineering Scholarship, Dean's List (2017 - 2019), Bank of America Merrill Lynch, *Code to Connect* champion.