

Zhiheng Liu

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

Learned Angular in 2 weeks and developed a full stack web app with features including node.js backend, databases, Elasticsearch. The product is used by over 400 users in Singapore. (Angular, HTML5 / SCSS / TS, Node.js, MongoDB, Elasticsearch, Nginx)

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

Implemented server monitoring platform with feature of process and file system monitor, automated ticket submission, and alarm notification. (Java Spring, Activiti, Angular, MongoDB)

Designed and developed team knowledge sharing platform, benefiting the team of 40 members to add and query for internal knowledge. (Angular, HTML5 / SCSS / TS, MongoDB, Elasticsearch)

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

Developed Dr. English Mobile App prototype to win the Singtel Future Maker Startup competition. (Flutter)

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

Organized student/school/industry-initiated projects to help NTU student involve into real-life problems and improve problem solving capability with programming. Current projects involve course timetable planning system, Kaggle competition team, Telegram chatbot, NTU chatbot, NTU Event app.

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

Teaching on weekly student coding lectures on topics of React, Emacs, and Flutter.

PROJECTS

NTUVibe (team project) Singapore, 07/2018 – Present

Developed NTU course schedule timetable. 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.

EDUCATION

Nanyang Technological University, 2017. CGPA 4.94/5

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), Research Project on automated seizure detection, HackOMania Hackathon finalist, Beijing-Chicago Pegasus Model United Nation outstanding delegate.