

Szuyu Lee

0974181280, szlee118@gmail.com

EDUCATION

Sep 2017 — Jun 2022	Bachelor of Computer Science, National Tsing Hua University Cumulative GPA: 4.01/4.3 Interdisciplinary program: Fintech and Blockchain	Hsinchu
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EXPERIENCES

Jul 2021 — Jan 2022	Software&Firmware Intern, ASUS <ul style="list-style-type: none">Made Researches about Linux Systems and participated in system development	Taipei
Jan 2021 — Mar 2021	Software Intern, Taiwan Semiconductor Research Institute <ul style="list-style-type: none">Developed Android AI applications through MediaTek NeuroPilot Platform with Java and PythonDesigned and edited tutoring videos of Scratch games with specific seniors	Hsinchu
Mar 2020 — Jan 2021	Undergraduate Blockchain Project Researcher, Logos Lab, National Tsing Hua University <ul style="list-style-type: none">Built a blockchain prototype with new consensus: Proof of Refundable TaxAttended a weekly study group to read papers and gain knowledge of blockchainPerformed presentations and demonstrations of results regularly	Hsinchu
Mar 2019	Contestant, 2019 MakeNTU Hackathon <ul style="list-style-type: none">Designed and partially implemented a smart bookshelf which can detect books automaticallyConnected chatbot API to let the system communicate with usersUtilized AWS EC2, Raspberry PI, OpenCV codes and used Python and Javascript	Taipei

SKILLS

HTML & CSS	Java
Linux	JavaScript
PHP	Python
MySQL	C++
Git	AWS EC2

SELECTED PROJECTS

May 2020 — Jun 2020	Partial Implementation of Database <ul style="list-style-type: none">Designed the structure of Calvin Database system based on given VanilladbIncreased throughput of Calvin Database by 20% by removing redundant synchronizations	Java
Dec 2019 — Jan 2020	Operating System -- Nachos Study and Development <ul style="list-style-type: none">Implemented 3-level CPU scheduling, System Call and Virtual File system in Nachos OSImproved the efficiency and concurrency of Nachos OS	C++
May 2019 — Jun 2019	Software Studio -- Web Chatting Room <ul style="list-style-type: none">Designed and implemented a web chatting room on university's server as a group memberPracticed the manipulation and management of data with Mysql	PHP, Javascript, HTML
Dec 2018 — Jan 2019	Hardware game design on FPGA <ul style="list-style-type: none">Implemented a simplified version of Doodle Jump with keyboard and VGA control	Verilog