

Gao Zhiyuan

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Education

- **National Cheng Kung University** Taiwan
B.S. in Political Science, (Grades: 85%) Sep. 2015 - ongoing
– Relevant courses: Signal and System, Logic Design
- **Seoul National University**
Exchange B.S. in Computer Science and Engineering Sep. 2017 - ongoing
– Relevant courses: Computer Architecture, System Programming, Compiler, Operating System, Computer Vision

School Projects

- **Source Code Plagiarism Detector for C**
Seoul National University Nov. 2017 - Mar. 2018
– Utilize IR from GCC and extract Ast from the IR
- **SnuPl/1 Compiler**
Sep. 2017 - Jul. 2018
– Implemented SnuPl/1 compiler from scratch with support for conditional expressions, IO etc.
- **Soil Data Collection on STM32f4**
National Cheng Kung University Jul. 2017 - Aug. 2017
– Set up a web server on freeRTOS with STM32f4 for soil data collecting
– Implemented drivers for yl69 and DHT11 sensor

Activities

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| Founder of PassbyValue community which focuses on computer science education | 2017 |
| Speaker at OpenSUSE Asia Summit | 2017 |
| Youth Global Participation and Humanitarianism Seminar, Ministry of Education | 2017 |

Skills

Languages: C/C++, \LaTeX , Java and x86 Assembly, bash, python, Linux and matlab