Juang, Yi-Lin

⌂ yilinjuang.com · ✉ yilin.juang@gmail.com · ⬚ frankyjuang · in YiLinJuang · ⬚ frankyjuang

INTERNSHIPS

SUMMER 2017	**Cognitive Software Engineering Intern**, China Development Lab, **IBM** Trained agent to play table football with reinforcement learning and apply to real-world ABB robot arm.
WINTER 2016/17	IT Intern, **Center for Free-Electron Laser Science**, *Germany* Prototyped control system of AXSIS including graphical user interface. Cooperated with foreign research group.
SUMMER 2016	Software Engineering Intern, **Google Inc.** Member of Chrome OS Video and Camera team. Dealt with fast changing needs. Established cautious attitude towards coding and security mind.

EDUCATION

2013 ~ 2017	National Taiwan University (NTU), *Taiwan* Senior student in **Electrical Engineering** CS GPA: 4.19/4.30. Courses: Network Science, Computer Networks, Machine Learning, Algorithms, Data Structure
WINTER 2016/17	University of Hamburg (UHH), *Germany* Exchange student in **Computer Science** GPA: 3.30/4.00. Courses: Knowledge Processing, Robotics

EXPERIENCE

2017	Octomender, Github Repo Recommender System ↗ Get repo recommendation based on one's GitHub star history. Side project using C++, Python, Redis and GCP.
FALL 2015	Visual Question Answering ↗ Constructed memory networks with CNN image features and word vectors to reach over 80% correct rate in VQA problems. Responsible for spatial attention model and CNN features. Machine Learning Course Project.
AUG. 2016	HackNTU Smart Life Area 1st Place Combined VR device HTC Vive and Microsoft Kinect into a first-person perspective tutoring system *MasterView* ↗. Responsible for Vive development and presentation.
SPRING 2016	MakeNTU General Coordinator ↗ Held the first campus **hardware hackathon** in Taiwan. Provided four platforms (Arduino, LinkIt ONE, Raspberry Pi, Nvidia TK1) for 100+ makers with workshops and numerous materials. Dealt with school administration, sponsors, tutors.

SKILLS

LANGUAGES	Chinese (native), English (TOEFL iBT: 102/120), German (Goethe-Zertifikat B1)
PROGRAMMING	**Main** C++, Python **Experienced** Javascript, HTML5 & CSS3, Unix Shell Scripting
OS	Linux (Arch Linux), macOS, Windows
EMBEDDED SYS.	Arduino, Raspberry Pi
OTHERS	Git, LaTeX, Photoshop, Premiere Pro

INTERESTS

Surfing, Cooking, Ball Sports, Photography.