

# Juang, Yi-LIN

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## INTERNSHIPS

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- 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 [AXIS](#) 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

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- 2013 - 2017 National Taiwan University (NTU), *Taiwan*  
Major in **Electrical Engineering**. Focus on **Computer Science**  
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

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- 2017 [Octomender, Github Repo Recommender System](#) 📄  
Get repo recommendation based on one's GitHub star history. Selected by [Import Python Newsletter](#). 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

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- 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,  $\text{\LaTeX}$ , Photoshop, Premiere Pro

## INTERESTS

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Surfing, Cooking, Ball Sports, Photography.