Pin-Lun **Hsu**

NATIONAL TAIWAN UNIVERSITY · ELECTRICAL ENGINEERING

3F, No.18, 65 Lane, Jiangnan Street, Neihu, TaipeiCity 114,Taiwan

(+886) 935-906-700 | byronhsu1230@gmail.com | ByronHsu

Education

National Taiwan University (NTU)   *Taipei, Taiwan*
BACHELOR OF SCIENCE IN ENGINEERING   *Sep. 2016 - PRESENT*
- Department of Electrical Engineering, GPA: 4.12/4.3, CS related: 4.3/4.3

Experience

National Taiwan University   *Taipei, Taiwan*
TEACHING ASSISTANT   *Jan. 2019 - Jun. 2019*
- EE2011 Signals and Systems (Spring 2019) - Instructor: Prof. Lin-Shan Lee

Vision & Learning Lab, NTU & Academia Sinica   *Taipei, Taiwan*
UNDERGRADUATE RESEARCHER, SUPERVISED BY PROF. YU-CHIANG FRANK WANG   *Sep. 2018 - Jul. 2019*
- With special effort on Few-shot image translation and hierarchy embedding.

Xiaomi Technology   *Beijing, China*
SOFTWARE ENGINEER INTERN   *Jul. 2018 - Aug. 2018*
- Participated in open-source project MACE which is a deep learning framework optimized for mobile platforms.

Honors & Awards

2019	**1000+ stars and 100+ followers on Github,** Dedicated to open-source community.
2019	**1st place at MeiChu Hackathon,** Build a AI-based system to help government manage air pollution.
2018	**Presidential Award,** Awarded per semester to the top 5 % students.
2018	**Rank 1st in FRAIG competition,** "Data Structure and Programming" final project sponsored by Cadence
2018	**Best Creativity Award in MakeNTU,** We create "Smart Chair" which aims to solve bad sitting posture.

Open-Source Projects

Life-commit (850 stars, Github-trending-repository)
LIFE AS A GIT. COMMIT ON YOUR LIFE! [GITHUB LINK]   *Jan. 2018*
- Life-Commit is a cli tool that allows you to build your own life branch using Terminal, also supporting the function to visualize local commits as a static webpage in one click.
- Selected as top-45 amazing node.js projects for 2018 on Mybridge@Medium.

Never-Blink (450 stars, Github-trending-repository)
BLINK AND LOSE. [GITHUB LINK]   *Jun. 2019*
- A online game that you can randomly connect to a player around the world and challenge him/her for a game of no blinking.
- Hit the headline of hackernews.

AAG-visualizer (75 stars)
AN ELEGANT VISUALIZER FOR AND-INVERTER GRAPH [GITHUB LINK]   *Jan. 2018*
- Because of the DSnP course, in order to debug, students are forced to consume time and paper graphing circuits from indecipherable aag files. To relief the situation, I made a online AAG-visualizer, which easily transforms the uploaded files into graphs.
- The project received a lot of praise from both course takers and Taiwan Frontend Club, with more than 75 stars on Github.

Activity

Director of Information Department

Sep. 2018 - Jun. 2019

- Our members won 1st in software section and 2nd in hardware section at Meichu Hackathon.
- Create web game "Foop" for 2018 EEnight and io game "losEEr.io", "frEEstyle.io" for 2018 2017 EEweek. [Foop] [losEEr.io] [frEEstyle.io]
- Lead projects "Course System", "Student Association Website", "NTUEE+" for the student association. [Github organization]
- Hold courses on frontend-developing, server-management and algorithm for the members.

President

2019 NTUEE CAMP ELOLVE [WEBSITE] *Jun. 2019 - Jul. 2019*

- NTUEE Camp is the most prestigious student camp in Taiwan with 120+ staff members.
- We welcome 120 high school students(selected from 100+ applications) for intensive hacking company visiting(Google, Delta) and various group activities(dancing, drama performance)

Skills

Languages	Javascript, Python, C++, Shell scripting, Matlab
Libraries/Toolkits	PyTorch, React
OS	GNU/Linux (Ubuntu & Arch Linux), Mac OSX
Other	Git, LaTeX