

Yong-Han(Alberta) Lin

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EDUCATION

National Chiao Tung University (NCTU)

B.S. in Computer Science

Hsinchu, Taiwan

Sep. 2018 - June 2022 (expected)

- **Overall GPA:** 3.8/4.3 | **Major GPA:** 3.85/4.3 | **Last 60 Credits:** 4.0/4.3
- **Teaching:** TA of Critical Thinking Course, Spring 2021 - *Instructor: Prof. Jonathon Daniel Hricko*
- **Selected Coursework:** Data Structures and Object-oriented Programming, Algorithms, Operating Systems, Database Systems, Network Programming, Computer Graphics, Multimedia Information System, Computer Animation, Statistics, Human Information Behavior

RESEARCH EXPERIENCE

Mobile Ubiquitous Interaction Lab, NCTU

Advisor: Prof. Yung-Ju Chang

Hsinchu, Taiwan

Sep. 2020 - Present

- Researched on how manual and automated management affect smartphone users interact with their notifications
- Led 4 people to develop an notification management system by building an Android app and deploying real-time ML model using Flask
- Resulted in one publication as first author at 7th Taiwanese Association of Computer Human Interaction

User-Centered Design Lab, Polytechnique Montreal

Advisor: Prof. Jinghui Cheng

Montreal, Canada (Remote)

June 2021 – Oct. 2021

- Researched support of Open Source Software communities addressing usability issues with McGill University
- Generated a codebook that supports future qualitative analysis on GitHub's issue tracking system by using Atlas.ti

SELECTED PROJECTS

“NCTU+” - Intelligent Campus System | *User Experience Design, Usability Evaluation*

- Followed user experience design process to re-design an event platform used by 10k students with a new homepage, friendship page and two functions: upload event and add to favorite

“Stray Rescue” - Computer Animation | *Maya 3D Computer Animation, Storytelling Design*

- Implemented basic concepts of animation like forward/inverse kinematics, time warping, and motion of particles by using C++, then designed and created a 100 seconds animation that encouraged people to rescue stray dogs by using Maya, Adobe After Effects

WORK EXPERIENCE

Software Engineer Intern

Xaduro Inc. (Tech Startup)

Taipei, Taiwan

Jan. 2021 – May 2021

- Developed the search engine of a travel agency system that has 1k hotels and allows more than 1k users by using MySQL, PHP, JQuery
- Solved usability issues of current system by building a password reset system and speeding up the websites with Amazon S3, CloudFront

HONORS & AWARDS

College Student Research Scholarship, Ministry of Science and Technology(MOST), Taiwan

May 2021

Research Internship Scholarship, Polytechnique Montreal, Canada

Mar. 2021

Academic Excellence Award, Hsinchu City God Temple, Taiwan - Given to only 25 students in Taiwan each year

Oct. 2020

LEADERSHIP EXPERIENCE & COMMUNITY SERVICES

Team Leader in Public Relations | Mei-Chu Hackathon, Hsinchu, Taiwan

Mar. 2019 – Nov. 2020

Event Planner | TED x NCTU, Hsinchu, Taiwan

Sep. 2019 – Nov. 2019

Team Leader | Papacode Programming Promotion Team, NCTU, Hsinchu, Taiwan

Mar. 2019 – June 2019

SKILLS

Programming Languages : Python, C++/C, JavaScript, CSS, HTML, SQL, PHP, Android, Java, R, MATLAB, Verilog

Frameworks & Tools : Linux, Git, Amazon Web Service, Docker, Heroku, Flask, MySQL, SQLite, Figma, Miro, \LaTeX

Other : User Experience and Usability Evaluation, Affinity Diagramming, Agile Software Development, Photography