KELLY CHANG

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EDUCATION

New York University, Brooklyn, NY   May 2018
Master of Science, Integrated Digital Media
National Taiwan University, Taipei, Taiwan   June 2015
Bachelor of Science, Information System and Management

PROFESSIONAL EXPERIENCE

Toii Virtual Gaming Lab, *Fullstack Game Develope*r   Jun 2017 - Nov 2017
- Developed a full back-end API services and front-end app for a mobile game called Metro Romance that has more than 10,000 downloads from App Store and Google Play, including all the APIs using node.js for the gameplay and user login and management system, as well as a cross-platform app using Ionic Framework.

PyLadies Taiwan, *Community Event Organizer*   Nov 2015 - Jul 2016
- Organized 12 events including tutorials and workshops that teaches women Python and related topics.
- Continuously teaching Django in Django Girls Taipei Workshops for around 50 female participants.

GliaCloud, *Backend Engineer Intern*   Jan 2015 - Mar 2016
- Developed back-end API services and websites using Python and Django.
- APICake: Received Gold Award in Taipei Open-data Contest. Developed the dashboard for an external B2B service which provides handy management for complicated data APIs.
- Codeme, Playground for Coders: Built the main structure and functionality of a gamification platform for engineers to form communities and learn together, and conducted user researches on it.

PROJECTS

Field of Sentiments   Jan 2018
- A video game developed for Global Game Jam 2018 throughout 48 hours. Programmed the whole game in Unity and designed the game mechanic as well as storyline. The game is about a scientist farming seeds of emotions in a future world where emotions are illegal. Players have to manage resources at the farm and also experience a Papers, Please-like storyline through making difficult moral decisions. link

Roommate Simulator 3D + VR   Sep 2017
- Programmed in Unity for Oculus Rift + Touch, Roommate Simulator is a game inspired by New Yorker's living style. We all had experience with terrible roommates, and this is a game for you to revenge. Do whatever you like in a VR apartment! Annoy your roommate and make yourself at home. Link demo

Journalist's Life Saver: A Telepresence Drone   Dec 2015
Created a new way to mutually communicate with people in remote location by drones
- Built an intuitive API to control ARDrone through body motion detected on Kinect and Google Cardboard.
- Developed mutually interaction system for ARDrone to communicate with remote people with Raspberry Pi.

TECHNICAL SKILLS

- Python, Javascript, node.js, C#, C/C++, HTML/CSS
- Django, Unity (2D/3D/VR/AR), Linux, Git, Docker, AWS, Google Cloud Platform, MongoDB