

# Szu-Fang Wang

User Experience Engineer

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## Work Experience

### User Experience Design & Engineer Intern

SelectEd | Providence, RI | April 2019 - Aug 2019

- Increased company's income rate 200% by design and develop company's official platform.
- Translated designs and wireframes into high-quality functional website by using HTML5 and CSS3.
- Utilized Adobe XD to rapid prototyping user interface.

### IoT Software Engineer

MtM+ Technology Corps | Taipei, Taiwan | Jul 2015 - Aug 2018

- Proactively solved company's problem by developing a new Android application to replace the fragment and complicated functions in different applications, increasing company's revenue by 15%.
- Decreased average operating cost more than 50% by creating visualization dashboards to monitor data in IoT devices for smart factories, giving clients access to preventive and predictive maintenance on Power BI.
- Developed company's Toolbox Android mobile application from ideation to launch, designed the entire experience, coded the application, and released it on Google Play.
- Optimized users flow and interface design of the company's applications, increasing follow rate by 28%.
- Collaborated with PMs and hardware engineers in customizing functional Android mobile applications for users to control and receive data from IoT products easily.
- Communicated with customers to transform business requirements and user research results into real world mobile applications.
- Defined and developed company's API as a portal for company's IoT sensors to ensure their high performance.
- Designed data structures and data flow for IoT projects.

### Visual Design and Software Engineer Intern

LLD Technology Corps | Taipei, Taiwan | Jan 2015 - Jun 2015

- Defined the architecture, modules, interfaces, and database for a parking payment system and a staff card system.
- Partnered with other engineers to define and deliver new features, test new concepts and assist with final implementation.
- Agilely support multiple projects simultaneously while meeting tight deadlines.

## Honors

### Excellence Award International ICT Innovative Services, 2014

The largest and the most important annual ICT application competition held for university and college students in Taiwan.

## Education

### MS in Informatics

#### (Specialization in HCI)

Northeastern University, Boston, MA  
Sep 2018 - expected Mar 2020

### BBA in Computer Science and Information Management

Soochow University, Taipei, Taiwan

Sep 2011 - Jun 2015

Junior/ Senior GPA: 4.0/4.0

## Skills

### Design

Visual Design, Interaction Design, Sketch, Wireframe, Prototype, User Research, Usability Test, Competitor Analysis, Information Architecture

### Programming

HTML5+CSS3, Java, Android Development, C#, MS SQL

### Tools

Sketch, InVision, Adobe Photoshop, Adobe XD, Adobe Indesign, Balsamiq, Eclipse, Android Studio, GitHub, Power BI

## Projects

### iOrder

Led the team to won an excellence award. Including frontend application and backend system, our team brainstormed, prototyped, and developed a multi-function system for customers and restaurants.

### Cambodia Center of Human Rights

Started from analysis research, I managed the team to redesign and to develop a new official website by using Adobe XD and Bootstrap.

### College administration System

Solved exist system problems by programming in C# and MS SQL.