

# Wei-Yu Yu

SOFTWARE ENGINEER

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## Education

### University of Southern California

B.S. IN COMPUTER SCIENCE AND BUSINESS ADMINISTRATION

- Specialization in Mobile Application Development

Los Angeles, CA

Aug. 2017 - Exp. May 2020

### Pennsylvania State University

B.S. IN COMPUTER SCIENCE

- Obtained the President's Freshman Award, which is presented annually to undergraduate degree candidates who have earned a 4.00 cumulative GPA

Erie, PA

Aug. 2016 - May. 2017

## Experience

### Spatial Topology Technology

FULL STACK SOFTWARE ENGINEERING INTERN

- Utilized React.js to create a UI allowing users to edit Points of Interest (POIs) on indoor maps, a feature utilized by half a million people daily to navigate through Taipei Main Station
- Wrote server side APIs in Node.js and integrated a Mongo database to improve functionality on application
- Collaborated with design team to draft and implement UX changes to improve user experience across the application

Taipei, Taiwan

May 2018 - Aug. 2018

### Janet's Bakery

WEB DEVELOPER

- Independently reached out to client and built web application to streamline business processes such as order processing
- Consulted with client to outline website goals, illustrate wire frame, and site functionality
- Developed a user-friendly interface by programming site navigation, social media links, and organizing content into a logical catalog
- Deployed backend API to automatically update orders into a Google Sheet to assist in increasing efficiency of order processing
- Validated site by testing HTML, CSS, and JavaScript codes to ensuring cross-platform compatibility

Taipei, Taiwan

May 2018 - Aug. 2018

### Taidoc Technology Corporation

FINANCE AND ACCOUNTING INTERN

- Developed detailed spreadsheets to identify trends and help develop forecasts as well as consolidate and analyze monthly results
- Managed and organized accounts payable and accounts receivable files
- Reviewed and maintained vouchers, check payments, and receipts for auditing purposes

Taipei, Taiwan

May 2017 - Aug. 2018

## Projects

### CryptoTracker

iOS / ANDROID APPLICATION

- Developed an application with the React Native framework to track the fluctuations in cryptocurrency values.
- Ensured cross platform compatibility and quality of user experience through testing

[github.com/weiyuyu/CryptoTracker](https://github.com/weiyuyu/CryptoTracker)

Jun. 2018

### Botzy

FACEBOOK MESSENGER CHATBOT

- Analyzed user text for keywords and returned Youtube search results using a Python script
- Integrated Facebook Graph API and Youtube Data API
- Deployed project and performed tests utilizing the Heroku platform

[github.com/weiyuyu/BotzyPython](https://github.com/weiyuyu/BotzyPython)

Oct. 2017

### StyleCast

WEB APPLICATION | HACKPSU 2016 SUBMISSION

- Built a web application that generates suggestions about clothing for the day based on weather data
- Retrieved real-time weather data through Accuweather API in JSON format, and parsed it for application usage
- Cooperated with 3 team members to solidify and carry out design and implementation

[devpost.com/software/stylecast](https://devpost.com/software/stylecast)

Nov. 2016

## Skills

### Programming Frameworks Languages

Javascript, HTML5, CSS, Java, C++, Swift

React, React Native, Node.js, MongoDB, Git, Bootstrap, Bulma

English, Chinese (Traditional)

## Interests

### Videography Dance

Youtube Content Creator | [youtube.com/channel/UCmYCz3ZwtYKj4nqZTc9D4Q](https://youtube.com/channel/UCmYCz3ZwtYKj4nqZTc9D4Q)

Chaotic 3 Hiphop dance team | Public Relations Representative and Assistant Artistic Coordinator