# Wei-Yu **Yu**

SOFTWARE ENGINEER

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## Education

**University of Southern California**                                                                                  *Los Angeles, CA*
B.S. IN COMPUTER SCIENCE AND BUSINESS ADMINISTRATION                                                     *Aug. 2017 - Exp. May 2020*
- Specialization in Mobile Application Development

**Pennsylvania State University**                                                                                              *Erie, PA*
B.S. IN COMPUTER SCIENCE                                                                                            *Aug. 2016 - May. 2017*
- Obtained the President's Freshman Award, which is presented annually to undergraduate degree candidates who have earned a 4.00 cumulative GPA

## Experience

**Spatial Topology Technology**                                                                                          *Taipei, Taiwan*
FULL STACK SOFTWARE ENGINEERING INTERN                                                                           *May 2018 - Aug. 2018*
- Built web application to edit Points of interest (POIs) on indoor maps with React.js
- Improved functionality on application through integration of data from server side APIs
- Collaborated effectively with the design team to ensure the elevation of client side experience
- Supported the Taipei Main Station navigation tool, which aids half a million people in finding their way through underground passages and malls daily

**Janet's Bakery**                                                                                                      *Taipei, Taiwan*
WEB DEVELOPER                                                                                                     *May 2018 - Aug. 2018*
- 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
- Maintained website by updating content, implementing new technology and monitoring performance

**Taidoc Technology Corporation**                                                                                       *Taipei, Taiwan*
FINANCE AND ACCOUNTING INTERN                                                                                    *May 2017 - Aug. 2018*
- 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

## Projects

**CryptoTracker**                                                                                       *github.com/weiyuyu/CryptoTracker*
IOS / ANDROID APPLICATION                                                                                                  *Jun. 2018*
- 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

**Botzy**                                                                                                 *github.com/weiyuyu/BotzyPython*
FACEBOOK MESSENGER CHATBOT                                                                                                 *Oct. 2017*
- 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

**StyleCast**                                                                                             *devpost.com/software/stylecast*
WEB APPLICATION | HACKPSU 2016 SUBMISSION                                                                                   *Nov. 2016*
- 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

## Skills

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|---|---|
| **Programming** | Javascript, HTML5, CSS, C++, Swift |
| **Frameworks** | React, React Native, Node.js, MongoDB, Git |
| **Languages** | English, Chinese (Traditional) |

## Interests

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|---|---|
| **Videography** | Youtube Content Creator \| youtube.com/channel/UCmYCz3ZwtYKyj4nqZTc9D4Q |
| **Dance** | Chaotic 3 Hiphop dance team \| Public Relations Representative and Assistant Artistic Coordinator |