

Wei-Yu Yu

SOFTWARE ENGINEER

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Education

University of Southern California

B.S. IN COMPUTER SCIENCE AND BUSINESS ADMINISTRATION, GPA: 3.5/4.0

- Specialization in Mobile Application Development

Los Angeles, CA

Aug. 2017 - Exp. May 2021

Pennsylvania State University

TRANSFERRED IN AUG. 2017, GPA: 4.0/4.0

- 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 developers to edit Points of Interest (POIs) on indoor maps, a feature that supports a mobile navigation application used by half a million people daily
- Wrote server side APIs in Node.js and integrated a Mongo database to create new POIs, update POI positions, and perform queries
- 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, reducing order processing time by 76%
- Ensured cross platform compatibility by testing across browsers, mobile devices and operating systems

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 a mobile application with the React Native framework to track the fluctuations in cryptocurrency values
- Retrieved and utilized data from CoinMarketCap API to build a table displaying the current price and fluctuation history of the top 10 most popular cryptocurrencies
- Ensured cross platform compatibility by testing across mobile devices and operating systems

github.com/weiyuyu/CryptoTracker

Jun. 2018

Botzy

FACEBOOK MESSENGER CHATBOT

- Analyzed messages for keywords and returned Youtube search results using a Python Flask application
- Integrated Facebook Graph API to retrieve messages for parsing, as well as send search results as chatbot responses from server
- Utilized Youtube Data API to perform search queries and return 5 most relevant results
- Deployed project and performed tests utilizing the Heroku platform

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

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