

Wei-Yu (Wayne) Yu

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Experience

- **DoorDash** San Francisco, CA
Software Engineer, Intern - Search and Relevance May 2019 - Present
 - Increased consumer search conversion by 1.71% through incorporating store click-through rate data within the existing search algorithm and setting up A/B testing for the feature.
 - Defined categories of user query terms through utilization of K-means clustering and enabled differentiation of store click-through rate data across various queries.
 - Trained and fine-tuned a classifier model to predict the categories of search terms with 84% accuracy.
 - Increased search team engineer productivity by creating a new sandbox environment for feature testing.
- **STOMAP** Taipei, Taiwan
Full Stack Software Engineer Intern May 2018 - Aug. 2018
 - Utilized React.js to create a user interface allowing developers to edit Points of Interest (POIs) on indoor maps, a feature that supports over 100,000 people daily.
 - Constructed server-side REST 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.
- **Janet's Bakery** Taipei, Taiwan
Freelance Web Developer May 2018 - Aug. 2018
 - Independently reached out to client to outline website goals, illustrate wireframe and site functionality, and built web application to streamline business processes such as order processing.
 - Developed a user-friendly interface by programming site navigation, social media links, and organizing content into a logical catalog.
 - Reduced average order processing time by 76% by deploying backend REST API to update orders into a Google Sheet in real-time and send automated order confirmation emails

Education

- **University of Southern California** Los Angeles, CA
Bachelor of Science in Computer Science and Business Administration; GPA: 3.4 Aug. 2017 - May 2020
 - Relevant Courses: Object-Oriented Programming, Data Structures, Discrete Methods, Algorithms, Web Development, iOS Development, Software Engineering
- **Pennsylvania State University** Erie, PA
Major in Computer Science (Transferred Aug. 2017) ; GPA: 4.0 Aug. 2016 - May 2017

Projects

- **Botzy:** A Facebook Messenger chatbot that returns Youtube search results based on user input. Built using the Python Flask framework, as well as Facebook Graph API and Youtube Data API.
- **Foodentify:** An iOS application that recognizes the food on your plate and provides nutrition facts based on the results. Built using Swift and the Apple CoreML framework.
- **Stylecast:** A web application that recommends what to wear based on real-time weather data retrieved from Accuweather API.
- **Cryptotracker:** A cross-platform mobile application that tracks the fluctuations of 20 cryptocurrencies. Built using the React Native framework.

Skills

- Programming Languages: Python, Java, Javascript, SQL, HTML, CSS, C++, Swift
- Frameworks and Tools: React, React Native, Node.js, MongoDB, Flask, Git, Heroku, AWS, Elasticsearch