

## Experience

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- DoorDash New York, NY  
*Software Engineer - Search Experience and Quality* Dec 2020 - Nov 2022
  - Lifted user trials and conversion for new verticals by designing and implementing cross vertical experiences in global and vertical search.
  - Reduced null search rates by improving query expansion, store / item retrieval and post processing of results.
  - Supported experimentation by configuring A/B tests and generating logging for analytics purposes.
- DoorDash New York, NY  
*Software Engineer - Ads and Promos Platform* July 2020 - Dec 2020
  - Improved user experience by filtering the most relevant promotions for consumers via categorizing them into different audiences.
  - Maintained existing data pipelines to enhance the integrity and correctness of user data.
- DoorDash San Francisco, CA  
*Software Engineer, Intern - Search and Relevance* May 2019 - Aug. 2019
  - Increased consumer search conversion by 1.71% through incorporating store click-through rate data within the existing search algorithm, which translates to 3.6 million in revenue per year.
  - 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

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- University of Southern California Los Angeles, CA  
*Bachelor of Science in Computer Science and Business Administration; Major 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

## Skills

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