PHILLIP OU

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EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY, Cambridge, MA, expected June 2018
    Bachelor of Science in Electrical Engineering and Computer Science
    Class of 1981 MIT Alumni Scholarship Awardee
MAKE SCHOOL GAP YEAR PROGRAM, San Francisco California, September 2014 – March 2015
    Part of Make School's Inaugural Class
    Spent the semester developing mobile and web applications under the mentorship of industry-caliber
POLYTECHNIC SCHOOL, Pasadena, California, June 2013
    Graduated Cum Laude, National AP Scholar, Whitney Scholar

EXPERIENCE

SNAPCHAT, Venice, California June 2015-August 2015
    Full-Stack Software Engineering Intern
- Member of the Identity Team handling features related to the users' profiles and friend links on both mobile platforms
- Sole developer of the "Trophy Case" on iOS, Android, and the Java Backend
  - This feature allows Snapchatters to earn achievements based off actions they perform in the app
- Co-developed "Add Nearby Friends" on iOS, Android, and the Java Backend
  - This feature allows Snapchatters to find other users nearby who were using the app

DRCHRONO, Mountain View, California March 2015-June 2015
    iOS Developer
- Created onpatient PHR, the company's first personal health record application for the Apple Watch
- Created ICD-10 HCPCS, the first ever ICD and HCPCS index for the Apple Watch on the Apple App Store
- Implemented new features for the company's award-winning iPad and iPhone PHR and EHR applications

MIT SLOAN SCHOOL OF MANAGEMENT, Cambridge, Massachusetts, December 2013-January 2014
    Programmer & Undergraduate Researcher
- Developed language processing software to analyze characteristics of companies in social media
- Implemented natural language processing to evaluate the quality of company data, advertising, and transactions

SMALL PARTICLE HYPERVELOCITY LAB AT CALTECH, Pasadena, California, June-October 2012
    Lab Technician & Intern
- Conducted experiments and analyzed behavior of small particles colliding with various materials at high speeds
- Co-authored paper on findings in International Journal of Impact Engineering 62 (2013) 13-26

PROJECTS

MEEMO, Released to Apple App Store on June 2015
    Social journaling app that lets you keep track of all the fun memories you and your friends have shared
    Create groups to relive all the moments you and your loved ones have shared together
ONPATIENT PHR, Released to Apple App Store on April 2015
    Apple Watch and iPhone application that allows patients to communicate and share information with doctors
    Users can also view medication information, scheduled appointments, and set personal reminders
    Featured in the Wall Street Journal and Apple App Store
ICD-10 HCPS ICD-9, Released to Apple App Store on April 2015
    Apple Watch Application that allows doctors to quickly look up ICD-10, ICD-9, and HCPS disease and procedure codes
    First ever ICD and HCPS code search application ever to reach the AppleWatch App Store
STITCH NEWS, Released to Apple App Store on March 2015
    Mobile news aggregator that allows users to highlight and save important pieces of information in news articles
    See not only what news your friends are reading but also the pieces of information that interest them most
KABUSH, Released to http://kabush.herokuapp.com on February 2015
    A satirical redesign of the Pandora website built with Ruby on Rails
    Recommends the latest Gifs trending on Imgur and Giphy for you to collect and discover
STORYVIEW, Released to Apple App Store on August 2014 | Demoed at Y Combinator 2014 Hackathon
    Location-based photo sharing application that saves photos and stories at the very location the user takes the photo
    The user sees a collection of photos chronicling the history of each new destination they visit
RASCAL, Released to Apple App Store on August 2014
    Group photo-sharing application where users get rewarded points for taking funny photos of their friends
    Finished in Top 5 of MakeGamesWithUs iOS Developer Competition
AUDITY, Created at CalHacks on October 2014
    Crowd-sourced music sharing application that allows users to contribute to open source playlists
    Share an activity or mood and let other users recommend the music you like
FORMWEAR, Created at Product Hunt Hackathon on October 2014
    Fashion application where users can recommend outfits to their friends
    Save, refer, and purchase articles of clothing you really like
PHILLIPOU.COM, Created on September 2014

SKILLS

Technologies	iOS Development, Objective-C, Swift, Python, Ruby on Rails, Android Development, Java, Git, Node.js, Natural Language Toolkit, Javascript, HTML, CSS, jQuery
Coursework	Introduction to Algorithms, Computation Structures, Discrete Mathematics, Differential Equations, Macroeconomics, Multivariable Calculus, Introduction to Electrical Engineering and Computer Science
Languages	Fluent in Cantonese and English, conversational in Spanish and Mandarin

LEADERSHIP AND ACTIVITIES

MIT VARSITY BASKETBALL TEAM, Fall 2013-Fall 2014

FIRST GENERATION PROJECT, August 2013-Present
Mentor
- Offered advice and counsel to other first generation college students

LAMBDA CHI ALPHA MIT CHAPTER, December 2013-Present
Associate Rush Chair
- Planned recruiting events for potential students and associated members
- Managed a $15,000 rush budget

POLYTECHNIC SCHOOL VARSITY BASKETBALL TEAM, Pasadena, Fall 2009-Spring 2013
Captain (2011-2013)
- Two time conference semi-finalist
- Co-League Champion 2011
- Attended Academic All-American Camp (July 2012)

OU FAMILY AUTO SHOP, ROSEMEAD, CA, September 2010 – August 2013
Mechanic
- Assisted with repair of vehicles