

# PHILLIP OU

2012 REDDING AVENUE  
ROSEMEAD, CA 91770

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## EDUCATION

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**MASSACHUSETTS INSTITUTE OF TECHNOLOGY**, Cambridge, MA, June 2017

Bachelor of Science in Electrical Engineering and Computer Science

First Generation College Student

Class of 1981 MIT Alumni Scholarship

**POLYTECHNIC SCHOOL**, Pasadena, California, June 2013

Cum Laude

National AP Scholar

Whitney Scholar (Scholarship awarded to academically eligible students from alumni)

Standardized Test Scores: ACT: 35, SAT II Math: 800, SAT II Chemistry 800, SAT II History: 770

## PROJECTS

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**STORYVIEW**, Released to Apple App Store in August 2014

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

Created in 24 hours and demoed at the Y Combinator 2014 Hackathon

**RASCAL**, Released to Apple App Store in August 2014

Group photo sharing application where users get rewarded points for taking funny photos of their friends

## SKILLS

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Computer      Proficient in Python, Objective-C, NLTK (Natural Language Toolkit), Java

Coursework      Introduction to Algorithms, Computational Structures, Discrete Mathematics, Differential Equations  
Introduction to Electrical Engineering and Computer Science, Macroeconomics, Multivariable Calculus

Languages      Fluent in Cantonese, conversational in Spanish and Mandarin

## EXPERIENCE

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**MAKEGAMESWITHUS SUMMER ACADEMY**, San Francisco, California June 2014-August 2014

*IOS Developer & Intern*

- Developed and published IOS mobile applications
- Organized product presentations for various VC funded Silicon Valley startups

**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 machine learning techniques to evaluate company data and transactions

**SMALL PARTICLE HYPERVELOCITY LAB AT CALTECH**, Pasadena, California, June-October 2012

*Lab Technician & Intern*

- Assisted Ares J. Rosakis (Otis Booth Leadership Chair of Engineering and Applied Science at Caltech)
- 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

**OU FAMILY AUTO SHOP**, ROSEMEAD, CA, September 2010 – August 2013

*Mechanic*

- Assisted with repair of vehicles

**ALPHA SCIENCE LEARNING CENTER**, Temple City, California, June-October 2012

*Math & Science Tutor*

- Taught Calculus, Physics, and Biology to 100+ Middle School and High School students

## LEADERSHIP AND ACTIVITIES

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**MIT VARSITY BASKETBALL TEAM**, Fall 2013-Present

**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)