

# STEPHEN HSU

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## EDUCATION

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### **University of California, Berkeley**

*Expected Graduation May 2017*

Major: Bachelor of Arts, Cognitive Science

Minor: Bachelor of Arts, Statistics

Relevant Coursework: Concepts of Probability, Structure and Interpretation of Computer Programs, Linear Algebra & Differential Equations, Machine Learning, Concepts in Computing with Data

### **Mission College, Santa Clara, CA**

*June 2010 – Present*

Studied general computer science curriculum

## TECHNICAL EXPERIENCE

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### Projects

- **Facial Key Points Detection (Side Project January 2016):** Detected location of key points on facial images using R and used an algorithm to test accuracy of model
- **NFCMeet (Side Project, July 2015):** Employs NFC on Android phones to instantly send Facebook and/or LinkedIn profile, thus minimizing search time for individuals.
- **Redditbot (Hackathon, December 2014):** Traverse through all recent Reddit posts and parses through to check for harmful content. Redditbot then down votes the user's post and displays the biggest offender.
- **Scheme Interpreter (Class Project, CS61A, November 2014):** Used wide knowledge of Python to build interpreter for the Scheme Language; wrote extensive tests to ensure reliability & efficiency of interpreter

## WORK EXPERIENCE

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### **Waterpro**

*May 2015 – August 2015*

Business Operations Assistant

- Generated a wide variety of documents such as reports and spreadsheets utilizing Microsoft Excel and QuickBooks, compiled and verified data for entry, routine email correspondence

### **Bizsmart - Brainball**

*May 2013 – August 2013*

- Spearheaded a team of six to design and present an original product for Neurosky, a company implementing brain-powered technology

## ADDITIONAL EXTRACURRICULAR EXPERIENCE

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### **Data Science Society at Berkeley**

*February 2016 – Present*

- Pioneered with twelve other peers an institute to develop a cross-campus Data science community

### **Team USA U-24 World Dragon Boat Racing Championships**

*May 2013 – Present*

- Represented USA against 30 other countries in the Under 24 division and won gold in the 500 meter

### **Stock Investment Club**

President

*April 2013 – May 2014*

- Facilitated and led meetings to expand student knowledge of businesses and stocks

## Technology Summary

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- Android Studio, Excel, Python, Git, Microsoft Word, R, Scheme, Swift, SQL, Unity, XCode