

# STEPHEN HSU

SF Bay Area | stephenh@berkeley.edu | 408.893.8808 | stephenjhsu.github.io

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## EDUCATION

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

*Expected Graduation: May 2017*

Major: Bachelor of Arts, Cognitive Science

Minor: Bachelor of Arts, Statistics

GPA: 3.12

Relevant Coursework: Concepts in Computing with Data, Concepts of Probability, Linear Algebra & Differential Equations, Structure & Interpretation of Computer Programs, Computational Models of Cognition

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

*June 2010 – Present*

Studied general computer science curriculum

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## TECHNICAL EXPERIENCE

### Projects

- **Presidential Campaign Tweet Analysis (Side Project, July 2016):** Integration of Twitter API, Python, and Tableau to analyze presidential candidate's lingo's effects on favorites and retweets; formed into tag clouds.
- **University of California Departmental Analysis (Class Project, May 2016):** Scraped through over 8 million-employee records to identify intercollegiate salary differences.
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- **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 down votes the user's post and displays the biggest offender.

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## WORK EXPERIENCE

### **Swimovation Inc**

*May 2014 – August 2016*

Business Intelligence Analyst

- Forecast sales predictions and supplier demands and created customized reports and dashboards to answer critical business questions using Tableau.

Data Control Clerk

- 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.

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## ADDITIONAL EXTRACURRICULAR EXPERIENCE

### **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 International Dragon Boat Championships**

*May 2013 – July 2015*

- Represented Team USA against 30 other countries in the Under 24 division; won gold in the 500m.

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## Technology Summary

- Android Studio, Excel, Jupyter Notebooks, Python, Git, R, Spark, SQL, Tableau, XCode