STEPHEN HSU

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EDUCATION

University of California, Berkeley *Expected Graduation: May 2017*
Major: Bachelor of Arts, Statistics
Double Major: Bachelor of Arts, Cognitive Science

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

Mission College, Santa Clara, CA *June 2010 – Present*
Studied general computer science curriculum

TECHNICAL EXPERIENCE
Projects
- **Presidential Campaign Tweet Analysis (Side Project, August 2016):** Integration of Twitter API, Python, and Tableau to analyze candidate's speech versus crowd response; formed into tag clouds.

  Awards: **Yhat, Inc**: End to End Data Science Platform Contest 1st Place   *September 2016*
  Publication for work on Twitter analysis (http://blog.yhat.com/posts/rodeo-presidential-tweets.html)

- **University of California Departmental Analysis (Class Project, May 2016):** Scraped through over 8 million-employee records to identify intercollegiate salary differences.

- **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.

WORK EXPERIENCE
Waterpro *May 2016 – August 2016*
Data Analyst
- Gathered data from company's computer data to create customized reports and dashboards for answering critical business questions using Tableau and Excel.

Data Control Clerk *May 2015 – August 2015*
- Generated a wide variety of documents such as reports and spreadsheets utilizing Microsoft Excel; compiled and verified data for entry, routine email correspondence.

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

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