

STEPHEN HSU

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EDUCATION

University of San Francisco
Masters of Science (MS), Analytics

July 2017 - Present

University of California, Berkeley
Bachelor of Arts (BA), Cognitive Science
Emphasis: Computational Modeling
GPA Overall: 3.23/4.0 scale ; GPA in Major: 3.30/4.0 scale

August 2014 - May 2017

PROJECTS

- **Presidential Campaign Tweet Analysis (Side Project, July 2016):** Integration of Twitter API, Python, and Tableau to analyze presidential candidates' lingo's effects on favorites and retweets; 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>)

- **Wells Fargo Portfolio Analysis (Side Project, Oct 2016):** Implemented variable importance plots, decision trees, and heat maps for exploratory analysis of customer portfolio diversity and growth.

Awards: Wells Fargo: Nationwide Campus Analytics Notable Submission *January 2017*
Received recognition at annual Wells Fargo Conference; code to be implemented by Wells Fargo team.

- **Amazon Alexa Three Skill Certified (Hackathon, February 2017):** Created interactive speech programs designed to provide students with real-time notification of assignments, jobs postings, & course calculators.
- **University of California Departmental Analysis (Class Project, May 2016):** Discovered significant pay differences between athletic vs. academic; UCOP vs. UC system by analyzing over 8 million-employee records.

WORK EXPERIENCE

Swimovation, Inc.

Data Analyst

May 2016 - August 2016

- Created customized reports and dashboards weekly from QuickBooks data to provide insight into critical business questions relevant to company products using Tableau and Microsoft Excel.

Operations Associate

May 2015 - August 2015

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

TECHNOLOGY SUMMARY

- Android Studio, Python (matplotlib, numpy, pandas, scikit-learn, seaborn), R (ggplot2, XML), SQL

INTERESTS AND HOBBIES

Data Science Society at Berkeley

February 2016 - Present

- Pioneered an institute to develop a cross-campus data science community; facilitated meetings.

Team USA U-24 Dragon Boat Championships Athlete

May 2013 - August 2016

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