

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

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 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

- **Airline Challenge Top 8 Submissions (Class Project, August 2017):** Analysis of a thirty year aggregated dataset of airline flights; placed in top eight submissions for practicality and creativity out of 100 students
- **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 weekly reports and dashboards from company sales data to provide insight into critical business questions relevant to customers and suppliers using Tableau and Microsoft Excel

Operations Associate

May 2015 - August 2015

- Generated a wide variety of documents utilizing QuickBooks and Excel; compiled and verified data for entry, and routine email and phone correspondence

TECHNOLOGY SUMMARY

- Python (beautifulsoup, scikit-learn, tensorflow, jupyter, flask), R (ggplot2), SQL, AWS, Tableau

INTERESTS AND HOBBIES

Data Science Society at Berkeley

February 2016 - May 2017

- 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