Bryan Yan

Fremont CA 94536

(510) 676-5325 | bryanyan@andrew.cmu.edu | bryanyan.github.io | bryanyan | bryanyan96

Education

Carnegie Mellon University   *Pittsburgh, PA*

EXPECTED GRADUATION: MAY 2018   *Aug. 2014 - PRESENT*

B.S Statistics and Machine Learning, Minor Economics

Experience

Salesforce   *San Francisco, CA*

ANALYTICS CLOUD: LIGHTNING DASHBOARDS - SOFTWARE ENGINEERING INTERN   *May 2017 - August 2017*

- Full stack implementation of various new features for Table charts
- Used Java and CoffeeScript

Twitter   *San Francisco, CA*

PRODUCT INSIGHTS AND EXPERIMENTATION - SOFTWARE ENGINEERING INTERN   *Feb. 2017 - April 2017*

- Made full stack upgrades and speedups to DDG, an internal A/B experimentation platform
- Added feature to view data time series for experiments on all metrics and buckets
- Used Scala and React.js (Redux)

Roku   *Los Gatos, CA*

WEB ENGINEERING - SOFTWARE ENGINEERING INTERN   *May 2016 - August 2016*

- Created web application on AWS Elastic Beanstalk with backend cron AWS Lambda jobs
  to automate deployment of software with proper ECNs.
- Wrote product crawlers using AWS Lambda, CloudWatch, S3, and the Baazarvoice API to scrape AJAX sites.
- Worked with node.js, React.js, AWS

Center for Machine Learning and Health   *Pittsburgh, PA*

RESEARCH ASSISTANT - FRONT END SOFTWARE ENGINEERING INTERN   *Jan 2016 - May 2016*

- Mapped data produced by GenAmap/ML algorithms to render a matrix view with various features.
- Worked with D3.js, React.js, node.js, Docker

ScottyLabs   *Pittsburgh, PA*

CORE TECH MEMBER   *Sept 2015 - Present*

- Help coordinate and mentor TartanHacks, CMU's largest hackathon.
- Give tech talks and write API demos using Flask and Tornado.

Select Projects

VidSmash - a16z Battle of the Hacks 3.0

HTTPS://GITHUB.COM/BRYANYAN/VIDSMASH   *Summer 2016*

- Given text or a song name, stitches together YouTube clips to generate video of people speaking the text.
- Built using node.js, Google Video endpoint, ChartLyrics API, Natural Language Processing, and 3rd-order Markov chains.

Clarifai Champions Developer Evangelist Projects

HTTPS://GITHUB.COM/BRYANYAN/CLARIFAI-CHAMPS   *Spring 2016*

- Developer Evangelist Program run by Clarifai to improve technical writing, event mentorship, and public speaking.
- Built various tech demos and gave tech talks with Ruby on Rails, Flask, the Clarifai API, and D3.js

LazyList

HTTPS://GITHUB.COM/ZHANG-CHRIS/SOUNDCLOUD-CLASSIFIER   *Summer 2017 - In Progress*

- Web application that classifies a set of songs and sorts them by genres into new playlists.
- Using Django, ML classification algorithms, and SoundCloud API.

See https://github.com/bryanyan for more!

Skills and Select Coursework

10-601	Introduction to Machine Learning	**Languages**	Python, Java, C, HTML/CSS, JavaScript, Scala,
10-605	Machine Learning with Large Datasets		R, SQL, MATLAB, Maple
15-213	Introduction to Computer Systems	**Frameworks**	Flask, Django, Ruby on Rails, node.js, D3.js,
36-350	Statistical Computing	**and Libraries**	React.js, jQuery, git, LaTeX