

Bryan Yan

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Education

Carnegie Mellon University

EXPECTED GRADUATION: MAY 2018

B.S Statistics and Machine Learning, Minor Software Engineering

Pittsburgh, PA

Aug. 2014 - PRESENT

Experience

Salesforce

SOFTWARE ENGINEERING INTERN

- Cloud Analytics Team

San Francisco, CA

May 2017 - August 2017

Twitter

SOFTWARE ENGINEERING INTERN

- Product Insights and Experimentation Team
- Worked with Scala and React.js (Redux)

San Francisco, CA

Feb. 2017 - April 2017

Roku

SOFTWARE ENGINEERING INTERN

- 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

Los Gatos, CA

May 2016 - August 2016

Center for Machine Learning and Health

RESEARCH ASSISTANT - FRONT END SOFTWARE ENGINEERING INTERN

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

Pittsburgh, PA

Jan 2016 - May 2016

ScottyLabs

CORE TECH MEMBER

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

Pittsburgh, PA

Sept 2015 - Present

Select Projects

VidSmash - a16z Battle of the Hacks 3.0

[HTTPS://GITHUB.COM/BRYANYAN/VIDSMASH](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](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](https://github.com/ZHANG-CHRIS/SOUNDCLOUD-CLASSIFIER)

Summer 2016 - 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
- 15-213** Introduction to Computer Systems
- 15-351** Algorithms and Advanced Data Structures
- 36-350** Statistical Computing

- Languages** Python, Java, C, HTML/CSS, JavaScript, Scala, R, SQL, MATLAB, Maple
- Frameworks and Libraries** Flask, Django, Ruby on Rails, node.js, D3.js, React.js, jQuery, git, \LaTeX