

Bryan Yan

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SKILLS

Java, Python, Flask, Tornado,
Ruby on Rails, C, HTML/CSS,
Javascript/jQuery, Git, MongoDB

English, Mandarin, French

COURSEWORK

Fundamentals of Programming
Principles of Imperative Computation
Principles of Software Construction
Introduction to iOS Development
Statistical Reasoning and Practice
Introduction to Probability Theory

Planned Spring 2016:
Web Application Development
Introduction to Machine Learning
Android Development
Humanoids
Introduction to Statistical Inference
Statistical Graphics and Visualization

EDUCATION

Carnegie Mellon University

B.S Statistics and Machine Learning, QPA 3.2
Prospective Minors in Software Engineering and Design
Expected Graduation Date: May 2018

EXPERIENCE

CMU Social and Decision Sciences Research Assistant - Web Developer

Pittsburgh, PA -- Fall 2015 - Present

Using the Amazon Mechanical Turk API, developed HITs by displaying an image and textbox, capturing every keystroke with a timestamp.

PROJECTS

ScottyLabs Course/Dining API - Fall 2015 — In Progress

www.github.com/bryanyan/CMU-CD (iOS Application)
www.github.com/bryanyan/courseapp (Tornado Webapp)

Currently working on an iOS version and Tornado application that displays academic course descriptions, pre/coreqs, and faculty course evaluations as well as dining hours and locations at CMU. Helped write the Python web scrapers to gather data.

Let's Raise the Stakes - Fall 2015 — In Progress

www.github.com/bryanyan/fightmescrub

Currently working on a web application built with Rails that will utilize the Venmo API and League of Legends API, allowing the user to create bets on different personal matches for the game League of Legends. Currently using virtual currency.

Riot API-items - Summer 2015

www.github.com/bryanyan/APIItemChanges
<https://riotapitems.herokuapp.com/>

-Web application created for Riot's API Challenge 2.0
-Provides pre item change and post item change statistics for every champion.
-Worked on views using HTML/CSS and wrote Python scripts to utilize Riot's API, to parse through JSON files, and to keep track of and write pertinent data into separate JSON files.

Fitness Points - Summer 2015

www.github.com/bryanyan/fitpts

A web application built using Flask to log physical activity and keep track of points while providing a weekly and overall leaderboard.

HONORS AND AWARDS

PNC Center for Financial Services Innovation - 3rd Place

Pittsburgh, PA - November 2014

Proposed "PNC Buzz", an application that would aggregate transaction data for real time trending information in a hyper-local context.

DECA International Conference - Creative Marketing Project 2nd Place

Atlanta, GA - May 2014

Tailored "reddit" website to a larger viewer base by promoting educational aspects of the site and by revamping their advertisement system.