

Jason Feng

Student at Dartmouth College

 <https://github.com/jason-feng>
 [linkedin.com/in/jasonfeng21](https://www.linkedin.com/in/jasonfeng21)
 jason21feng@gmail.com
 (408) 775-4872

Address: 3347 Yuba Ave
San Jose, CA 95117
Hinman Box 0160
Dartmouth College
Hanover, NH 03755

EDUCATION

Dartmouth College

GPA: 3.78/4.0

Hanover, NH

Bachelor of Arts – Computer Science and Mathematics
Major

Expected Graduation June 2017

Lynbrook High School

GPA: 4.0/4.0

San Jose, CA

Honors: Valedictorian, National AP Scholar, National
Merit Semifinalist, SAT: 2320

Graduated June 2013

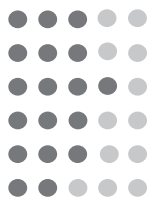
RELEVANT COURSEWORK

- Multivariable Calculus
- Linear Algebra
- Discrete Mathematics
- Problem Solving via Object Oriented Programming
- Software Design and Implementation
- Android Programming
- Machine Learning
- Algorithms (Spring 2015)
- Database Systems (Spring 2015)

TECHNICAL SKILLS

Programming Languages

C
JavaScript & jQuery
Java
HTML5 & CSS3
PHP
Python



Technologies Used

Amazon Web Services
Bootstrap
Git - Version Control
Android
Salesforce Dev
Django
NodeJS

WORK EXPERIENCE

Neukom Digital Arts Leadership and Innovation Lab

September 2014 - Present

Hanover, NH

Software Developer

- Developing BusMe crowdsourcing bus platform using NodeJS web application framework. The platform includes payment processing, unique route creation, and social network sharing. More information at: <http://busme.dali.dartmouth.edu/>
- Developed Virtual Space Station program using Django and Javascript for use by NASA astronauts, adding enhanced conflict resolution to assess behavioral health of astronauts in isolated environments and create relaxing solutions. More information at: <http://virtual-space-station.herokuapp.com/>

Branch Metrics

December 2014 - December 2014

Palo Alto, CA

Software Engineering Intern

- Redesigning Web Software Development Kit for third party developers to improve code efficiency, add support for RequireJS, improve utilities, and tweak smart app banner design.
- Migrated existing blog to new Ghost Platform to increase internal ease of use and improve blog analytics and data for marketing team

Waterfall

June 2014 - Present

San Francisco, CA

Software Engineering Intern, Special Projects / Marketing Intern

- Developed a two-way integration between Waterfall platform and Salesforce to provide a frequently requested client feature
- Developed Finance Business Intelligence dashboard to display key client data to improve internal financial analysis and drive increased sales opportunities
- Developed Unbounce/Marketo WebHook to automatically add contacts from Unbounce to Marketo in order to increase lead generation by 10%
- Developing API Helper Library in PHP, Java, Python, and JavaScript to provide easier access to the Waterfall API access for third party developers

Lockheed Martin

June 2012 - August 2012

Sunnyvale, CA

Intern for Mobile User Objective System (MUOS) Engineering

- Headed and developed dynamic work schedule to improve communication, reducing wasted time by a significant amount

PROJECTS

More information about these projects as well as source code can be located on my github listed above: [jason-feng](#)



Tiny Search Engine

- A search engine built in C to search through archived pages of Dartmouth's CS website. The program is split into a web crawler, an indexer, and a query engine.



OnTime

- An Android application designed to synchornize the arrival times of your various friends by tracking their distance to the scheduled destination



Activity Tracker

- An Android fitness application that captures your runs and walks and are visualized through Google Maps.
- Storage of activity statistics in the Google Cloud
- Machine learning to automatically determine activity type



Determining Restaurant Success or Failure

- An artifical neural network written in python designed to determine the potential success of a restaurant based on the Yelp Academic Dataset
- Training using stochastic gradient descent and backpropagation.