# Viraj Mehta

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## EDUCATION

**STANFORD UNIVERSITY**
Prospective B.S. in Mathematics
June 2018 | Stanford, CA
School of Humanities and Sciences
Cum. GPA: 3.94
Major GPA: 4.1

**WESTLAKE HIGH SCHOOL**
Grad. May 2014| Austin, Texas |
Salutatorian

## LINKS

Facebook:// dd
Github:// deedydas
LinkedIn:// debarghyadas
YouTube:// DeedyDash007
Twitter:// @debarghya_das
Quora:// Debarghya-Das

## COURSEWORK

**GRADUATE**
Advanced Machine Learning
Open Source Software Engineering
Advanced Interactive Graphics
Compilers + Practicum
Cloud Computing
Evolutionary Computation
Defending Computer Networks
Machine Learning

**UNDERGRADUATE**
Information Retrieval
Operating Systems
Artificial Intelligence + Practicum
Functional Programming
Computer Graphics + Practicum
*(Research Asst. & Teaching Asst 2x)*
Unix Tools and Scripting

## SKILLS

**PROGRAMMING**
Over 5000 lines:
Java • Shell • Python • Javascript
OCaml • Matlab • Rails • LaTeX
Over 1000 lines:
C • C++ • CSS • PHP • Assembly
Familiar:
AS3 • iOS • Android • MySQL

## EXPERIENCE

**FACEBOOK** | Software Engineer
Jan 2015 - Present | New York, NY

**COURSERA** | KPCB Fellow + Software Engineering Intern
June 2014 – Sep 2014 | Mountain View, CA
- 52 out of 2500 applicants chosen to be a KPCB Fellow 2014.
- Led and shipped Yoda - the admin interface for the new Phoenix platform.
- Full-stack developer - Wrote and reviewed code for JS using Backbone, Jade, Stylus and Require and Scala using Play

**GOOGLE** | Software Engineering Intern
May 2013 – Aug 2013 | Mountain View, CA
- Worked on the YouTube Captions team, in Javascript and Python to plan, to design and develop the full stack to add and edit Automatic Speech Recognition captions. In production.
- Created a backbone.js-like framework for the Captions editor.

**PHABRICATOR** | Open Source Contributor & Team Leader
Jan 2013 – May 2013 | Palo Alto, CA & Ithaca, NY
- Phabricator is used daily by Facebook, Dropbox, Quora, Asana and more.
- I created the Meme generator and more in PHP and Shell.
- Led a team from MIT, Cornell, IC London and UHelsinki for the project.

## RESEARCH

**CORNELL ROBOT LEARNING LAB** | Researcher
Jan 2014 – Jan 2015 | Ithaca, NY
Worked with **Ashesh Jain** and **Prof Ashutosh Saxena** to create **PlanIt**, a tool which learns from large scale user preference feedback to plan robot trajectories in human environments.

**CORNELL PHONETICS LAB** | Head Undergraduate Researcher
Mar 2012 – May 2013 | Ithaca, NY
Led the development of **QuickTongue**, the first ever breakthrough tongue-controlled game with **Prof Sam Tilsen** to aid in Linguistics research.

## AWARDS

| Year | Rank | Award |
|------|------|-------|
| 2014 | top 52/2500 | KPCB Engineering Fellow |
| 2014 | $1^{st}$/50 | Microsoft Coding Competition, Cornell |
| 2013 | National | Jump Trading Challenge Finalist |
| 2013 | $7^{th}$/120 | CS 3410 Cache Race Bot Tournament |
| 2012 | $2^{nd}$/150 | CS 3110 Biannual Intra-Class Bot Tournament |
| 2011 | National | Indian National Mathematics Olympiad (INMO) Finalist |

## PUBLICATIONS