

# Debarghya Das

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## EDUCATION

### CORNELL UNIVERSITY

**MENG + BS IN COMPUTER SCIENCE**

Expected Dec 2014 | Ithaca, NY

Conc. in Software Engineering

College of Engineering

Dean's List (All Semesters)

Cum. GPA: 3.92 / 4.0

Major GPA: 3.94 / 4.0

### LA MARTINIERE FOR BOYS

Grad. May 2011 | Kolkata, India

## LINKS

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)

Unix Tools and Scripting

## SKILLS

### PROGRAMMING

Over 5000 lines:

Java • Shell • Python • Javascript

OCaml • Matlab • Rails •  $\text{\LaTeX}$

Over 1000 lines:

C • C++ • CSS • PHP • Assembly

Familiar:

AS3 • iOS • Android • MySQL

## EXPERIENCE

### COURSERA | KPCB FELLOW + SOFTWARE ENGINEERING INTERN

Expected 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 primarily vanilla Javascript and Python to plan, design and develop the full stack implementation of a new framework to add and edit Automatic Speech Recognition captions.
- Created a backbone.js-like framework for the Captions editor.
- All code was reviewed, perfected, and pushed to production.

### 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 | HEAD UNDERGRAD RESEARCH

Jan 2014 – Present | 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

|      |                      |  |
|------|----------------------|--|
| 2014 | top 52/2500          | KPCB Engineering Fellow                              |
| 2014 | 1 <sup>st</sup> /50  | Microsoft Coding Competition, Cornell                |
| 2013 | National             | Jump Trading Challenge Finalist                      |
| 2013 | 7 <sup>th</sup> /120 | CS 3410 Cache Race Bot Tournament                    |
| 2012 | 2 <sup>nd</sup> /150 | CS 3110 Biannual Intra-Class Bot Tournament          |
| 2011 | National             | Indian National Mathematics Olympiad (INMO) Finalist |
| 2010 | National             | Comp. Soc. of India's National Programming Contest   |

## PUBLICATIONS