Debarghya Das

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Last Updated on 21st January 2015

# EDUCATION

## **CORNELL UNIVERSITY**

### MENG IN COMPUTER SCIENCE

Dec 2014 | Ithaca, NY

## **CORNELL UNIVERSITY**

### BS IN COMPUTER SCIENCE

May 2014 | Ithaca, NY College of Engineering Magna Cum Laude Cum. GPA: 3.83 / 4.0

Major GPA: 3.9 / 4.0

## **LA MARTINIERE FOR BOYS**

Grad. May 2011| Kolkata, India

# LINKS

Facebook:// [dd](https://facebook/dd)

Github:// [deedydas](https://github.com/deedydas)

LinkedIn:// [debarghyadas](https://www.linkedin.com/in/debarghyadas) YouTube:// [DeedyDash007](https://www.youtube.com/user/DeedyDash007) Twitter:// [@debarghya\_das](https://twitter.com/debarghya_das) Quora:// [Debarghya-Das](https://www.quora.com/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

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](http://www.cs.cornell.edu/%7Eashesh/) and [Prof Ashutosh Saxena](http://www.cs.cornell.edu/%7Easaxena/) 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](http://conf.ling.cornell.edu/%7Etilsen/) to aid in Linguistics research.

# AWARDS

2014 top 52/2500 KPCB Engineering Fellow

2014 1st/50 Microsoft Coding Competition, Cornell 2013 National Jump Trading Challenge Finalist

2013 7th/120 CS 3410 Cache Race Bot Tournament

2012 2nd/150 CS 3110 Biannual Intra-Class Bot Tournament

2011 National Indian National Mathematics Olympiad (INMO) Finalist

# PUBLICATIONS

1. A. Jain, D. Das, and A. Saxena. Planit: A crowdsourcing approach for learning to plan paths from large scale preference feedback. Tech Report, ICRA, in press.
2. S. Tilsen, D. Das, and B. McKee. Real-time articulatory biofeedback with electromagnetic articulography. Linguistics Vanguard, in press.