

# Debaghya Das

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debaghyadas.com  
linkedin.com/in/debaghyadas

## EDUCATION

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**Cornell University | Ithaca, NY**

Exp. Graduation Dec 2014

**M.Eng. in Computer Science**

GPA: 3.5

**Awards:** 1<sup>st</sup>/50 Microsoft Coding Competition, Jump Trading Challenge Finalist

Graduate Coursework: Machine Learning, Open Source SWE, Interactive Graphics, Compilers + Practicum, Cloud Computing, Evolutionary Computation, Defending Computer Networks

**B.S. in Computer Science**

May 2014

College of Engineering

GPA: 3.8/4.0 (Magna Cum Laude)

Undergraduate Coursework: Computer Graphics + Practicum (Research Asst. & Teaching Asst 2x), Artificial Intelligence + Practicum, Information Retrieval, Operating Systems, Functional Programming

## PROFESSIONAL EXPERIENCE

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**Facebook**

Jan 2015 – Present

*Software Engineer*

New York, NY

**Coursera**

Jun 2014 – Sep 2014

*Full-stack Software Engineering Intern; KPCB Fellow (52/2,500 applicants)*

Mountain View, CA

- Led and shipped Yoda - the admin interface for the new Phoenix platform
- Wrote and reviewed code for JS using Backbone, Jade, Stylus and Require and Scala using Play

**Google**

May 2013 – Aug 2013

*Software Engineering Intern | YouTube Captions Team*

Mountain View, CA

- Planned, designed and developed the full stack using JavaScript and Python to add and edit Automatic Speech Recognition captions in production
- Created a backbone.js-like framework for the Captions editor

**Phabricator**

Jan 2013 – May 2013

*Open Source Contributor & Team Leader*

Palo Alto, CA & Ithaca, NY

- Created Meme generator used daily by Facebook, Dropbox, Quora, Asana in PHP and Shell, leading team from MIT, Cornell, IC London & UHelsinki

## TECHNICAL SKILLS

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**Programming Languages:** Java, Python, JavaScript, OCaml, Matlab, Rails, LATEX, C, C++, CSS, PHP, Assembly, AS3

**App Development & Databases:** iOS, Android, MySQL

## RESEARCH PROJECTS

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

**Planit: Cornell Robot Learning Lab** (Prof Ashutosh Saxena, Ashesh Jain)

Jan 2014 – Jan 2015

- Created tool which learns from large scale user feedback to plan robot trajectories in human environments

**QuickTongue: Cornell Phonetics Lab** (Prof Sam Tilsen)

Mar 2012 – May 2013

- Led development of breakthrough tongue-controlled game for Linguistics Research, resulting in publication

## PUBLICATIONS

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- 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
- S. Tilsen, D. Das, and B. McKee. Real-time articulatory biofeedback with electromagnetic articulography. Linguistics Vanguard, in press