Jayasurya Sudhakaran

[jayasurya.com|](http://debarghyadas.com) [fb.co/dd](http://fb.co/dd)

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EDUCATION

**MG UNIVERSITY**

BCA - Bachelor in Computer Application

2024 | Rampuram, Kottayam

**XII**

COMPUTER SCIENCE

2021 | Kattappana,,Idukki

Percentage:85%

**X**

Grad. May 2019| Kattappana, Idukki

LINKS

LinkedIn:// [**Jayasurya**](http://www.linkedin.com/in/jayasurya-sudhakaran-b980b2244):

Github :[Jayasurya88](https://github.com/jayasurya88):

Gmail:jayasurya7879@gmail.com

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.

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

RESEARCH

**CORNELL ROBOT LEARNING LAB** | RESEARCHER

Jan 2014 – Jan 2015 | Ithaca, NY

Worked with [Ashesh Jain](http://www.cs.cornell.edu/~ashesh/) and [Prof Ashutosh Saxena](http://www.cs.cornell.edu/~asaxena/) 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/~tilsen/) 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.