

# Anupam Mandal

debarghyadas.com | fb.co/dd  
anupamm059@gmail.com | +91 8522926885 | LinkedIn - anupammandal

## EDUCATION

### CENTURION UNIVERSITY

B.TECH IN SOFTWARE ENGINEERING

Grad. may 2025 | CGPA:8.5

### SRI CHAITANYA JR COLLAGE

INTERMEDIATE

May 2021 | CGPA:7.3

### GEETAJALI SCHOOL

Grad. May 2019 | CGPA:9.2

## 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

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

## 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.