

akshay koli

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+ About Me

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+ Education

CORNELL UNIVERSITY

MENG IN COMPUTER SCIENCE

Expected Dec 2014 | Ithaca, NY

Cum. GPA: N/A

BS IN COMPUTER SCIENCE

Expected May 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

+ 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.

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.

+ Programming Skills



Java • Shell • JavaScript • Matlab
OCaml • Python • Rails • LaTeX



C • C++ • CSS • PHP • Assembly



AS3 • iOS • Android • MySQL

+ Personal Skills



+ Application Developed

FAB'2015

ANTARDHVANI ANDROID APP

The Delhi University Antardhvani Cultural Festival was conceptualized and started in 2011 and has become the showpiece event of India's highest rated university. The annual Cultural Festival of the University of Delhi was named 'Antardhvani' by Vice Chancellor. Link : <https://play.google.com/store/apps/details?id=antardhvani.du.ac.in.antardhvani>.

NOV'2014

MINI-SHELL

This is a mini-UNIX-shell (a simple mini-Unix-Shell written in C). It employs system calls to execute the commands. Many trivial functions of shell has been incorporated in it. Link : <https://github.com/akki12345/Mini-Awesome-Shell>

DEC'2014

TRAVELLING SALESMAN PROBLEM AND HAMILTONIAN CYCLE

Travelling Salesman Problem (TSP): Given a set of cities and distance between every pair of cities, the problem is to find the shortest possible route that visits every city exactly once and returns to the starting point.

Link : <https://github.com/akki12345/Travelling-SalesMan-problem>.

Hamiltonian Cycle: A Hamiltonian cycle, also called a Hamiltonian circuit, is a graph cycle (i.e., closed loop) through a graph that visits each node exactly once. Design algorithm and implement in C language.

Link : <https://github.com/akki12345/Detect-Hamiltonian-cycle-in-Graph>.

NOV'2014

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