RAHUL PANDEY

http://rkpandey.com

EDUCATION

Stanford University, Stanford, CA

M.S. in Computer Science   June 2014 (Expected)
B.S. in Computer Science (with Distinction)   June 2013
Relevant Courses: Mining Massive Data, Natural Language Understanding, Machine Learning, Web Applications, Algorithms, Computer Systems, Foundations of Computing, Linear Algebra

Stoney Creek High School, Rochester, MI (Valedictorian)   June 2009

EXPERIENCE

Software Engineering Intern, Facebook, Menlo Park, CA   06/2013 – 09/2013

- Designed and implemented ranking algorithm for user reviews on pages, using features such as user trust, crowd feedback, and time. Increased engagement with reviews ~10%.
- Write hive pipelines to extract keywords and most important phrases from review text. Used by search team to improve Facebook page search results.

Member of Technical Staff Intern, WalmartLabs, San Bruno, CA   06/2012 – 09/2012

- Built a Ruby on Rails web application to gain insights on the quality of search at Walmart.
- Automate data extraction from Hadoop using hive queries and Jenkins jobs. Optimize MySQL database behind the web app to deal with tens of millions of records.

Section Leader CS106 Classes, Stanford University, Stanford, CA   09/2011 – 06/2013

- Prepare and lead a section of 12 students for the introductory programming courses. Cover topics such as strings, abstract data types, recursion, and good programming practices.
- Hired by the CS198 program to provide feedback and grade student assignments and exams.

ACTIVITIES/PROJECTS

Webmaster: Basmati Raas, Indian Dance Team

- Built basmatiraas.com using AngularJS, Ruby on Rails, and Sass. Hosted by Heroku.
- Member of competitive dance team that performs a North Indian dance called Garba Raas. Performed and placed in competitions in California, Texas, and Georgia.

Resident Assistant (RA), Branner Hall

- Create residential environments to enhance the university experience for students. Promote the intellectual life of the residence and ensure healthy communities.

IEEE Stanford, Officer/President

- Lead officers for the Stanford branch of the Institute of Electrical and Electronics Engineers (IEEE). Attract speakers, handle event logistics, and build community.

MISCELLANEOUS

Honors: Senior Project Software Demo Award (2013), BS Graduation with Distinction (2013), Davidson Fellow Laureate $10000 (2009), IEEE Presidents' Scholarship Award $10000 (2009)
Technology: Java, C/C++, Ruby on Rails, Javascript/AngularJS, Git, SQL/Hadoop, Android
Interests: entrepreneurship, tennis/soccer, San Francisco, vegan cooking, Indian dance