Saloni Shah

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Education

University of California, Berkeley   *Expected Graduation: May 2018*
Computer Science, B.A. (in progress)

Relevant Coursework

- C Programming (Stanford University course)
- CS 61A: Structure and Interpretation of Computer Programs
- CS 61B: Data Structures and Advanced Programming *(In Progress)*
- UGBA 10: Principles of Business (*In Progress*)
- Ruby on Rails *(In Progress)*
- Web Design (*In Progress*)

Projects

Memories onDemand   *February 2015*
- Winner at TreeHacks Stanford hackathon – selected winner by Intel
- Mobile application that makes searching for photos on phone much easier by incorporating caption search

Kermit the Tweeting Frog   *October 2014*
- Winner at Cal Hacks hackathon – selected winner by Texas Instruments; will soon be featured in TI's blog; *video link: youtu.be/SgYZRHI-MO8*
- Used TI Launchpad CC3200, Temboo API and Twitter API to upgrade a stuffed animal to one that posts Twitter updates (@Kermit_Says) when user squeezes arm, shines bright light in eye, or turns upside down

Wikiguess   *October 2014*
- Wikipedia-based game with modifiable difficulty using Python; *link to my contribution: goo.gl/vpAaTd*
- Given an article/word bank and randomized keyword clues, player guesses Wikipedia article

China Unicom Internship   *June-December 2013*
- Technical research on Internet networking topics like peering, transit, and cloud services
- Made a final report and suggested recommendations based on research to solve the company's real problems, and is being reviewed horizontally and vertically by managers in the San Jose branch and also in the Washington D.C. branch

Patent Pending   *January 2012-July 2013*
- Filed patent with USPTO; status: pending; *Patent Application #61/841,936*
- Business plan development: January 2012 - July 2013; Patent filed: July 2013
- Drive-through, vending unit oriented supermarket supplement that intends to increase supermarket profits, enhance safety in shopping, and augment efficiency for customers

Leadership & Activities

Association of Women in EECS   *September 2014-Current*
- Industrial Relations Officer – Reach out to industry professionals and host lunchtime chats with them, get sponsors, coordinate company tours *(December 2014-Current)*
- Treasurer – Manage budget, perform reimbursements *(December 2014-Current)*

Pioneers in Engineering   *September 2014-Current*
- User Interface Team Member – Add features using AngularJS and Javascript to dashboard used to control robots used in competition among high school students

CS KickStart   *August 2014-Current*
- Industrial Relations – Speak with company representatives about sponsoring a 1-week program inspiring UC Berkeley women interested in Computer Science (*October 2014-Current*)
- Former participant – programmed a photo editor using Python and Java in a selective 30-person program

Society of Women Engineers   *September 2014-Current*
- House Leader – Organize socials throughout semester for a group of women engineers to bond over

Skills

Python, Java, SQL, Scheme, C, HTML, CSS, Basic UNIX, Git, Javascript (in progress), Ruby on Rails (in progress)