

Nisha Masharani

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Education

- June 2015 **BSE Computer Science**
Stanford University
Coursework includes: Computer Systems (CS107, CS110, CS108, E40N), Human-Computer Interaction design (CS147, CS108), Mathematical Computing and Probability (CS103, CS109).
Current: Algorithms (CS161), Machine Learning (CS221)
Gpa: 3.82/4.00
- June 2011 **Crystal Springs Uplands School**
Gpa: 4.07/4.00

Work Experience

- Jun 2013-Sept 2013 **Software Engineering Intern**
Google
Developed a tool in C++ for evaluating recommendation quality in Knowledge.
Designed a web interface for users to compare recommendations. Conducted a user study with the User Experience Research group to evaluate quality.
Added a new feature to a pipeline to index more data in Search.
- Jun 2012-Dec 2012 **Human Computer Interaction Research Intern**
Stanford Computer Science Undergraduate Research Internship (CURIS)
Designed and implemented small interface changes in the Stanford Human-Computer Interaction Online class to create a better collaborative learning environment through forums.
Developed an improved peer grading system to allow for more involved assignments in online classes.
Submitted an ACM-CHI paper. (hci.st/assess)
- Sept 2011-Jun 2013 **Library Student Worker**
Falconer Biology Library at Stanford
Shelved books and helped patrons at the front desk for seven hours per week.
- Sept 2012-Dec 2012 **Designer and Programmer for Quotely**
Human-Computer Interaction Mobile Web App Project
Built a mobile web app with jQuery Mobile and PHP to show users news quotes in an aesthetically pleasing form. (github.com/georgelu/Quotely)
- Jun 2011-Aug 2011 **Biology and Automated Strain Engineering Intern**
Biology department, Amyris, Inc.
Optimized yeast transformations, media preparation, and DNA cloning.

Leadership

- Mar 2013-Present **Banquet Chair**
Society of Women Engineers
- Mar 2012-Present **Board Member, Technical Director, Lighting Designer**
Ram's Head Theatrical Society
- Mar 2013-Present **Peer Counselor**
The Bridge Peer Counseling Center

Skills

- Programming: C++, Java. Proficient in Python, Unix, HTML/CSS/JS including jQuery.
Computer: Photoshop, Microsoft Office/Google Drive, Social Media, Mac OSX, Windows, Ubuntu.