

Nivedita Chopra

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA

May 2015

BS in Computer Science with Minor in Economics

University Honors and School of Computer Science College Honors

EXPERIENCE

Teaching Assistant at Carnegie Mellon

Spring 2012 – Spring 2015

Principles of Imperative Computation (15-122)

- Lead TA from Spring 2014. Managed class logistics and guided other TAs.
- Taught groups of 30 students each in a classroom setting.

Software Engineering Intern at Facebook

Summer 2014

Information and Communication Tools

- Built a framework that eased the adding of new types of data to internal search.
- Built a custom unit for employees to see shuttle details within internal search.

Analyst at Morgan Stanley

Summer 2013

Securitized Products Group

- Created a web application to generate pivot tables directly from kdb databases.

TECHNICAL SKILLS

Languages: Java, C, SML (proficient); Python, C++ (comfortable)

Web: HTML, CSS, JavaScript (proficient); PHP, React, Bootstrap, AngularJS, jQuery, Node.js (comfortable)

Other: Git, Mercurial (proficient); MongoDB, OpenGL, Subversion (comfortable)

ACTIVITIES

The Tartan, CMU's student-run weekly newspaper

- Assistant Copy Manager, responsible for ensuring integrity and style of content.
- Staffwriter for Science & Technology section of the newspaper.

Women@SCS, CMU's group for promoting women in computer science

- Managed the Sisters Program, a mentorship program for freshmen.
- Proposed and organized Class Mixers, social events for women of each class.

PROJECTS

Jump! (jumpgame.herokuapp.com)

- Educational game to aid migrant workers in Qatar in learning English.

Colors (colorsapp.herokuapp.com)

- Web-based game on graph coloring made during a hackathon.

JPhotoBooth (www.andrew.cmu.edu/~awdavis/jphotobooth/)

- Webcam tool that allows you to draw on the video feed.

AWARDS

Alan J. Perlis Undergraduate Student Teaching Award, 2015

Carnegie Mellon Women's Association Scholarship, 2015

Senior Leadership Recognition, 2015

Phi Beta Kappa

Omicron Delta Epsilon, International Honor Society for Economics