Devraj Mehta

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Work Experience

College of Computing — Teaching Assistant — *Georgia Tech* — Spring 2014

Course: CS 3510 Design and Analysis of Algorithms. Professor: Maria-Florina Balcan, Ph.D. Responsibilities include holding office hours for questions and supplementary teaching, and grading homework and tests.

Yahoo! — Software Engineering Intern — *Sunnyvale, CA* — Summer 2013

Contributed to developing common components and using them to enhance Yahoo's popular Media sites (News, Sports, etc.).These components were reusable across a full range of browsers and devices, as well as being internationalized and accessible. Supported existing components. Worked independently and collaborated in small teams on novel projects dealing with media content and monetization.

Digital Assent LLC — Software Developer — *Atlanta, GA* — 2012–13

Digital Assent is a technology start-up providing PatientPad: a comprehensive tablet solution for health care practices. Contributed to the core product: a single-page mobile web application targeting primarily the iPad. Worked directly with the CTO/co-founder on a three to eight person team. Completed projects that were self-driven with loose requirements across the full stack and, by necessity, on a fast-paced cycle.

MaxLab — Mentorship — *Georgetown University* — 2009–10

In the Department of Neuroscience at Georgetown, the team at MaxLab develops a computational vision algorithm through researching human visual processing. Optimized the model using massively parallel programming on graphics processing units (GPU) to implement key operations. Built integrations for the existing model in MATLAB. Achieved a speed up of 12.5x.

Center for Social Complexity — Research Intern — *George Mason University* — Summer 2009

Implemented a multi-agent modeling simulation using general purpose GPU computing. Demonstrated that performance with GPU implementations was correlated with agent complexity as more basic agents lend themselves to the massively parallel format.

Education

Georgia Institute of Technology	*College of Computing*	3.52 GPA	2010–14
Thomas Jefferson High School for Science and Technology			2006–10
George Mason University	*Dual-enrolled*		2009–10

Projects

Lynnmehta.com	Professional landing page, blog, and art gallery	2009 – present
Cause Compass	2nd place in Atlanta Random Hacks of Kindness	12/2012
Sugarscape in CUDA	Implementation of agent-based model in CUDA	Summer 2009

Skills

Programming Languages	Java, Javascript, C, PHP, Python, MATLAB, Scala, SQL, Bash
Frameworks and Libraries	Jquery, YUI, Apache, Tomcat, MySQL, AJAX, FFmpeg, TkInter, OpenGL
Markup Languages	HTML 5, XML, CSS 3, SASS, JSON, LaTex, Velocity, JSP
Applications and Tools	Git, SVN, Trac, Jenkins, Google Closure, JMeter, JSLint, Ant

Certification in Functional Programming Principles in Scala, Martin Odersky, 12/2012

Membership includes Delta Tau Delta Fraternity, Gamma Beta Phi Honor Society (HS), Delta Iota Epsilon HS.