Devraj Mehta   devraj.mehta@gtri.gatech.edu

Work Experience

Georgia Tech Research Institute	Research Scientist I	*Georgia Tech*	2014−present

Research collaborative engineering of systems. Develop web applications that allow delivery of research efforts to real world usage. While working across the stack, primarily responsible for building the client-side architecture in Angular.

College of Computing	Teaching Assistant	*Georgia Tech*	Spring 2014

Course: CS 3510 Design and Analysis of Algorithms. Professor: Maria-Florina Balcan, Ph.D. Responsibilities included 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

Optimized computer vision model using massively parallel programming on graphics processing units (GPU) to implement key operations. Built integrations to 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. Correlated performance with agent complexity as more basic agents lend themselves to the massively parallel format.

Education

Georgia Institute of Technology	*College of Computing*	3.60 GPA	2010−14
BS Computer Science	*Intelligence & Theory*	Highest Honors	
Delta Tau Delta Fraternity, Gamma Beta Phi Honor Society (HS), Delta Iota Epsilon HS			
Thomas Jefferson High School for Science and Technology			2006−10

Projects

Lynnmehta.com	Professional landing page, blog, and art gallery	2009−present
Cause Compass	2nd place in Atlanta Random Hacks of Kindness	12/2012

Skills

Programming Languages	JavaScript, Java, Python, Bash, SQL, C, PHP, MATLAB, Scala, Haskell
Frameworks and Libraries	Angular, JQuery, YUI, Apache, Tomcat, Django, MySQL, Mongodb
Markup Languages	HTML, XML, CSS, SASS, LaTex, Velocity, JSP
Applications and Tools	Git, SVN, Vagrant, Jira, Trac, Jenkins, JMeter, JSLint, Ant, FFmpeg

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