

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.

