

## Work Experience

[Google](#) Solutions Engineer *New York, NY* 2015 – present

Managing relationships with Google's largest partners in the television broadcaster and distributor space. Growing and maintaining the venture of server-side ad insertion into streaming video. Supporting live and linear streams, VOD streaming, and client implementations on Android, iOS, and OTT devices.

[Georgia Tech Research Institute](#) Research Scientist *Georgia Tech* 2014 – 2015

Researched tools for collaborative systems engineering. Developed web applications that delivered research efforts to real world usage. Worked across the stack and led development of client-side Angular application architecture.

[College of Computing](#) Teaching Assistant *Georgia Tech* Spring 2014

For course CS 3510 Design and Analysis of Algorithms with Professor Maria-Florina Balcan, Ph.D. Held office hours for questions and supplementary teaching, and graded homework and tests.

[Yahoo!](#) Software Engineering Intern *Sunnyvale, CA* Summer 2013

Developed common components for Yahoo's popular media sites. These components were reusable across a full range of browsers and devices, as well as being internationalized and accessible. Also, built and alpha-beta tested a native ad format for Yahoo News, now part of the Gemini product.

[Digital Assent LLC](#) Software Developer *Atlanta, GA* 2012 – 2013

Worked on a comprehensive tablet solution for health care practices. Contributed to the core product: a single-page mobile-web application. Worked directly with the CTO/co-founder on a small team. Completed projects that were self-driven, across the full stack, and by necessity on a fast-paced cycle.

[MaxLab](#) CS Mentorship *Georgetown University* 2009 – 2010

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](#) Software Developer 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 fit the massively parallel paradigm.

## Education

Georgia Institute of Technology *College of Computing* 3.60 GPA 2010 – 2014

BS Computer Science *Intelligence & Theory* Highest Honors

*Delta Tau Delta Fraternity, Gamma Beta Phi Honor Society (HS), Delta Iota Epsilon HS*

## Skills

*Programming Languages* Javascript, Python, Bash, Scala, Java, PHP, MATLAB

*Frameworks and Libraries* Angular, jQuery, YUI, Apache, Django, Tomcat, Mongo, Mysql

*Applications and Tools* Git, SVN, Vagrant, Jira, Trac, Jenkins, JMeter, JSLint, Ant, FFmpeg