



education: **Georgia Institute of Technology** | Atlanta, GA | **2013 - 2017 (expected)**

Computer Science Undergraduate with Zell Miller Scholarship
Focuses: Information Internetworks, Systems and Architecture
GPA: 3.68

experience: **GT College of Computing** | Head Teaching Assistant | Atlanta, GA | **01.06.14 - present**

promoted to Head Teaching Assistant in Spring of 2016; leads a team of ~16 undergraduate teaching assistants in grading and teaching a course with 300+ students; stand-in lecturer, creator and manager of cs1301.com; grades homework, proctors exams, writes course content; also previously assisted fellow students in one-on-one tutoring for computer organization and programming (CS 2110) which includes learning to write in assembly, understanding a datapath, and writing complicated programs in C such as malloc

Stroz Friedberg | Cyber Summer Associate | New York, NY | **06.06.16 - 08.12.16**

worked in Stroz Friedberg's primary digital forensics lab with non-disclosable, high profile casework; learned to creatively approach unique problems in computing – often with no former precedent to guide efforts; gained exposure to various industries through the professional services offered by Stroz Friedberg

kCura | Software Engineering Intern | Chicago, IL | **06.01.15 - 08.14.15**

part of a full time scrum team developing the backend of industry leading litigation information software, Relativity; extensively worked with numerous REST APIs, refined presentation skills, and learned to collaborate and communicate with many different teams throughout a mid-sized company

Tipping Point Gaming | Software Engineering Intern | Buford, GA | **06.01.14 - 08.01.14**

personally designed a slot machine interface and game that, as of the fall of 2014, was beginning testing before being deployed in approximately 40% of the casinos in Las Vegas, Nevada

Pioneer Magazine | Senior Web Developer | Atlanta, GA | **01.26.14 - 02.01.15**

led a team of web developers in the creation of a new site for Pioneer Magazine, led weekly meetings, collaborated with layout editors and other officers to synchronize design

PeachMac | Apple Sales Specialist and Trainer | Cumming, GA | **7.23.11 - 8.18.12**

sold Apple products, trained new users on Apple software, trained advanced users on Apple professional software, led training workshops for groups of up to 15 customers, likely the youngest Certified Apple Product Professional in the world at the time

projects: **AFABL Programmer Study** | Undergraduate Research | Georgia Tech College of Computing

assisting Chris Simpkins (Georgia Tech Lecturer, Ph.D. candidate) in studying the advantages of integrating the reinforcement learning model into a Scala-embedded domain-specific language; creating the database and web based UI to collect information from study participants

heartheffect.com | Personal Project

fully featured content management system for a blog; backed by a SQL database, includes a very sleek HTML editor and implements security measures far beyond the typical scope of my work

TA-Tools | Georgia Tech College of Computing

python module written for TAs at Georgia Tech; includes helpful scripts such as an autograder that works directly with student homework submissions and a difference checker for (rather successfully) identifying cheaters

(I'm always up to something – see joshua.diaddigo.com/#projects for a complete and current list of my projects)

skills: Technical: Python, Javascript, Java, C, C#, SQL, PHP, HTML and CSS

Other: Extensive experience with REST APIs, in-depth knowledge of photography and balanced graphic design

Leadership: Very comfortable coordinating a team and speaking in public

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