joshua diaddigo

spring 2015

joshua.diaddigo.com

education: Georgia Institute of Technology - Atlanta, GA
Computer Science Undergraduate with Zell Miller Scholarship (3.69 GPA)
Focuses: Information Internetworks, Systems and Architecture
2013 - 2017 (expected)

experience: **GT College of Computing** | Tutor - CS and Technical Interviewing | Atlanta, GA | 01.26.15 - Present
Assists 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. Also one of the first technical interviewing tutors for the College of Computing. Prepares students for common technical interviewing questions which involves reviewing data structures and programming exercises.

GT College of Computing | CS Undergraduate Teaching Assistant | Atlanta, GA | 01.06.14 - 12.12.14
Taught a weekly recitation with 50 students for CS 1301 (Python), graded homework, proctored tests, wrote course content, held office hours, edited course website

Tipping Point Gaming | Software Engineering Intern | Buford, GA | 06.01.14 - 08.01.14
Personally designed a casino game that is currently in testing before it is deployed in ~40% of the casinos in Las Vegas, Nevada.

Pioneer Magazine | Senior Web Developer | Atlanta, GA | 01.26.14 - 02.01.15
Lead a team of web developers in creation of new site for Pioneer Magazine, lead weekly meetings, collaborated with layout editors and officer staff 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 pro 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: **CMS.joshua** | Personal Project
Fully functional web based content management system.
- Creation, editing and searching of blog posts
- Fully functional HTML editor side-by-side with content preview
- Utilized by thepioneer.gatech.edu and sphere.is

Crunchy Munchy | Personal Project
This is the name of the server in my apartment I've created to host all my data.
- Seamlessly hosts my iTunes library, backups, and virtual machines
- Powers a Twitter robot I built that uses context-free grammar to remix my tweets
- Stores the dynamic IP in a static location accessed by an app I built for easy remote access
- Public facing upload page provides a secure and easy way for others to send me files

r.uffl.es | Personal Project
Hosts my website and provides an outlet for testing the limits of CSS while providing some worthwhile services.
- Secure payment portal allowing friends or clients to send money directly to my bank account (Stripe)
- Sends notifications and performs administrative tasks via text messaging (Twilio)

skills: Languages: Java, C, Python, HTML and CSS, Javascript (also jQuery), PHP
Design: In-depth knowledge of photography and balanced graphic design
Leadership: Very comfortable coordinating a small team and speaking in public

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