Caleb Ashmore Adams

CalebDevelops.com l CalebAshmoreAdams@gmail.com l 770-314-8422

Permanent Address:
630 Goldenwood Court
Powder Springs, GA 30127

Current Address:
304 Highland Park Drive
Athens, GA 30605

EDUCATION

The University of Georgia, Athens, GA
Bachelor of Science, May 2016
Majors: Computer Science & Astrophysics
Zell Miller and Hope Scholarship recipient
Redcoat Band Music Scholarship recipient
Current GPA: 3.32/4.0

Hillgrove High School, Powder Springs, GA
Honors High School Diploma, May 2012
Cumulative GPA: 4.35/4.0

RELEVANT COURSEWORK

Data Structures, Networking, Distributed Systems, Software Programming and UNIX, Systems Programming, Introduction of Theory of Computation, Development in JAVA, Discrete Mathematics, Multivariable Calculus, Electricity and Magnetism, Classical Mechanics, Stellar and Galactic Astronomy

COMPUTER SKILLS

Operating Systems: Mac OSX, GNU/Linux(Debian, CentOS, Ubuntu, Puppy), Windows 7, IOS, Android (KitKat)
Programming Languages: C, C++, Objective-C, Java, Javascript, HTML5, CSS, PHP, Python, Ruby
Other Related Skills: OpenGL, OpenGL ES 2.0, Apache 2.0, MySQL, OpenSSH, Gradle, XML, JQuery, Library construction, Rails, Server construction, Arduino, Raspberry Pi, Computer Engineering, Physics, Astrophysics

WORK EXPERIENCE

Independent Developer: In my free time I read astronomy journals and explore new technologies
> **Projects:**
> - Personal Website - Personal server that runs on a rebuilt 2002 family computer
> - Independent Web Developer - I sell custom websites to companies and student organizations
> - Most Popular Tumblr Astronomy Blog - Science and Astronomy news reaching 100,000+ followers
> - RepRap 3D Printer - Self directed build for entertainment
> - iPhone App Development - Self directed projects in my free time
> - Self Made Telescopes - In my free time I build Dobsonian-Style telescopes

Undergraduate Researcher at the Hodgson Glass Research Lab: I am currently working as the head undergraduate researcher. I assist Dr. Turner with technical research and logistics
> **Projects:**
> - Website Construction and Server Configuration - Web design and development
> - Music Apps for Google Glass and Smart Phones - Research and development with Android devices
> - Smart Podiums and Smart Music Stands - Research and development with Raspberry Pi and Linux

Home Depot Experimental Lab IT Intern: I have worked for The Home Depot as an IT intern in their Experimental Development Lab. I worked with a team on cutting edge technologies.
> **Projects:**
> - Google Glass Development for Retail Applications - Research and development
> - Virtual Reality in a Retail Environment - VR with Goggle Cardboard and OpenGL
> - Smart Home Appliances - Research and development

LEADERSHIP EXPERIENCE

Leadership Roles in High School:
- Marching Band Section Leader
- Marching Band Brass Captain
- President of French Club for 2 years

Leadership Roles in College:
- Redcoat Band Section Leader - Manage 60+ band members
- Web Master of the Epsilon Lambda chapter of Phi Mu Alpha - Professional music fraternity
- Web Master and Web Committee Chair for the Institute of Electrical and Electronics Engineering (IEEE) - Electronics engineering. I teach web development to 20+ of my peers.
- Chief Technology Officer of UGA Hacks - A founding member of the first hackathon to be hosted at UGA. I build software tools for the hackathon's management and manage the building of tools by various teams.