

Caleb Ashmore Adams

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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: Bash and Shell Scripting, 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

NASA Intern: This summer I will be working for NASA to develop better flight system software and flight deck controls. I will be working with a team to develop rapid prototypes in a fast paced innovative environment.

Founder of NeoGalactics: Formed with the goal of bringing astronomy closer to the public. We are building automated telescopes and plan to launch a cubesat by 2016.

- Most Popular Astronomy Blog: We currently run the most popular Astronomy blog on tumblr. We have an audience of over 130,000 readers.
- Self Built Telescopes: NeoGalactics builds small and cost efficient automated telescopes for mass use
- Small LEO Satellites: NeoGalactics is designing UGA's first satellite for Low Earth Orbit

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

- 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.

- 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

AWARDS

- Winner of Virginia Tech Hacks: Placed 1st out of 500
- Best Veteran Hack at Hack FSU: Placed out of 200

LEADERSHIP EXPERIENCE

- Redcoat Band Section Leader - Manage and rehearse 60+ band members
- Founder of NeoGalactics - I am actively forming a team of developers, engineers, editors, and animators.
- 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.