MARSHALL MOUTENOT

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Objective
An internship combining passions for computers, programming and flight.

Education
Tufts University Medford, MA
Bachelor of Science in Computer Science, 2013
GPA 3.6, Dean's List all semesters

Relevant Coursework
Data structures in C++, Machine Structure and Assembly in C, Discrete Math, Game Development in XNA and C#, Web Programming.

Experience
Emma, Inc. Nashville, TN
Systems Administrations Intern (April - September 2010)
Systems administration, shell and bash script programming, Nessus security scans, Nmap network scans, network analysis, server installation, sql injection, DVWA exploitation, general hacking.

General Intern / Systems Intern (May - September 2009)
Security flaw detection and management with Nmap and Nessus, automatic report generation with Cronjobs and Apache web servers.

Development Intern (May - August 2007)
Created a visual representation of consumer location and density using Google Maps API, PHP and SQL.

University of Nashville Computer Courses Nashville, TN (June 2007 - Present)
Director, Head Instructor
Computer education for rising 5th through 9th graders. Lead teacher in Flash, Photoshop, Web Design, Robotics, Programming (with Robocode and Python), Alice, and Film classes. Management of employees, business assets, advertising, and customer relations.

Tufts AV Services Medford, MA (2009 - Present)
Audio and video system management. Live soundboard control. Filming of performances

Activities
Unix Systems Administrator (2009 - Present), Private Pilot Training (2010 - Present), WMFO Exec Board - Webmaster (2009 - Present), DJ (2005 -Present), Lost Boys of Sudan Volunteer and Technical Director (2005 - 2009), Traveling Treasure Trunk Children's Theater (2010 - Present), Contra / Swing Dancing and lessons (2007 - Present), High School Varsity Lacrosse, two-time All-State/MVP/Captain (2005 - 2009)

Research
Applying social networking partitioning algorithms and graph theory to metabolic networks to help determine the effectiveness of delivered drugs to the liver.