

# 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

## Experience

### Emma, Inc. Nashville, TN

Systems Administrations Intern

April - September 2010

- Systems Administration: Shell and Bash script programming, server installation, network analysis
- Network Security: Nessus security scans, Nmap network scans, SQL injection, DVWA exploitation

General Intern / Systems Administrations Intern

May - September 2009

- Security flaw detection and management with Nmap and Nessus
- Automated security report generation with Cronjobs and Apache web framework.

Development Intern

May - August 2007

- Created a visual representation of consumer location and density using Google Maps API, PHP, and PostresSQL.

### University School of Nashville Computer Courses Nashville, TN

June 2007 - Present

Director, Head Instructor

- Computer education for rising 5<sup>th</sup> through 9<sup>th</sup> graders. Lead teacher in Flash, Photoshop, Web Design, Lego 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.

## Skills

<ul style="list-style-type: none"><li>• Unix Systems Administrator (2009 - Present)</li><li>• WMFO Exec Board - Webmaster (2009 - Present)</li><li>• Lost Boys of Sudan Volunteer and Technical Director (2005 - 2009)</li><li>• Contra / Swing Dancing and lessons (2007 - Present)</li></ul>	<ul style="list-style-type: none"><li>• Private Pilot Training (2010 - Present)</li><li>• DJ (2005 -Present)</li><li>• Traveling Treasure Trunk Children's Theater (2010 - Present),</li><li>• High School Varsity Lacrosse, two-time All-State/MVP/Captain (2005 - 2009)</li></ul>
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## Research

Applying social networking partitioning algorithms and graph theory to metabolic networks to help determine the effectiveness of delivered drugs to the liver. Create efficient algorithm to count cycles in a directed graph