

Marshall Moutenot

CONTACT INFORMATION	mobile: 615 519 7142 email: mmoutenot@gmail.com github: http://github.com/mmoutenot
RESEARCH INTERESTS	Machine learning, computer security, visualization and graph theory.
EDUCATION	Tufts University School of Engineering , Medford, Massachusetts <i>Bachelor of Science in Computer Science</i> September 2009 - 2013 (Expected) <ul style="list-style-type: none">• Deans List: All Semesters• Advisors: Professor Norman Ramsey
RELEVANT COURSEWORK	Machine Structure and Assembly (also TA), Web Programming, Machine Learning, Programming Language (Functional Programming), Data Structures, Algorithms
PROFESSIONAL EXPERIENCE	Microsoft , Seattle, WA <i>Bing Security SDET Intern</i> May – September 2011 Created an IDN to detect potential phishing URLs registered by third parties. Developed competitive automated security testing tools to detect vulnerabilities (XSS, open redirect, null byte injection, etc). C# development with SQL backend. High level reporting and web user interface (AJAX, HTML5, ASP.NET). Redstar Ventures , Cambridge, Massachusetts <i>Developer</i> January 2012 - present Developing website in Django environment with small team. Tufts University , Medford, Massachusetts <i>Teaching Assistant</i> 2010-2011 Undergraduate courses in Machine Structure/Assembly Language, and Data Structures. Including helping with large-scale projects in C and general unix tutorial. Taught classes on VIM. Emma, Inc. , Nashville, TN <i>Systems/Security Intern</i> Summers, 2010, 2009, 2007 Nessus security scans, Nmap network scans, SQL injection. Automated security scan (nessus/nmap) and report generation with cron jobs and Apache web framework. Shell and Bash script programming, server installation, network analysis. Created a visual representation of consumer location and density using Google Maps API, PHP, and PostresSQL. University School of Nashville Computer Courses , Nashville, TN <i>Founder, Head Instructor</i> 2007-2010 Initiated computer education for rising 5th through 9th graders. Lead teacher in Flash, Photoshop, Web Design, Lego Robotics, Programming (with Robocode and Python), Alice, and Film classes. Managed employees, business assets, advertising, and customer relations. Developed a profitable small business that is now in its 5th year.
COMPUTER SKILLS	Python, C(++ #), Django, Bash, SQL, Vim, Linux User, Android, Javascript/JQuery, ASP.NET
ACTIVITIES	Defcon/B-Sides Attendee (2011), Unix Systems Administrator (2009 - Present), WMFO Exec Board Ops Director (2009 - 2011), Private Pilot Training (2010 - Present), DJ and Turntablist (2005 - Present), TRUNK! Children's Theatre (2010 - Present),