Matthew J. Gambogi

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Objective
Summer internship in the field of Computer Science, interested in low level computing, Economics, and other cross-disciplinary roles. Available May 20, 2013

Education
Rochester Institute of Technology, Rochester, NY, 2017
Bachelor of Science, Double Major, Computer Science, Economics
Economics Concentration: Theory and Policy

Skills
Languages & Software: C/C++, Java, Python, x86 Assembly, Bash, Javascript
Operating Systems: Windows 7 and later, Linux (Arch, RHEL, Debian and derivatives), Unix enviornments
Tools: GDB, Git, Vim, Eclipse, Make, LaTeX

Personal Projects
Desktop webOS
Working with the now open-sourced phone/tablet operating system, and converting it to a desktop window manager for use with any Linux distribution. Ongoing.

Lounge Automation
Creating utilites sensitive to the enviornment around them for the Computer Science House's main lounge. Light sensitive blinds, movie sensitive light dimming, etc. Ongoing.

Experience
SecureIT Consulting Group, Inc. Reston, VA   Summer 2012
Research Intern   secureit.com
Studied, tested, and developed exploitation and prevention techniques.
DARPA Projects: www.cft.usma.edu/currentProjects.htm
- Poor Man's Control Flow Integrity (PMCFI) project: Designing and running tests on an experiemental kernel level security system
- Process Gossip project: Designed data collection scripts investigating a possible side channel in the Android keyboard's design

Non-Related Work Experience
Lifeguard   April 2009 - Present
Parks and Recreation, Town of Leesburg
Monitoring pool activities, ensuring water safety; Rescuing struggling swimmers; administering first aid; Tracking pool chemical levels.

Extra-curricular   Activities
Computer Science House	(2012 - Present)
SPARSA (Security Practices and Research Student Association)	(2012 - Present)
Cyber-Security Competition Team	(2012, *Captain, Founder*)
Debate Team	(2009 - 2012, *Captain, Founder*)
Varsity Cross Country	(2008 - Present, *Captain* 2012)
Varsity Track and Field	(2008 - Present, *Captain* 2012)