

Matthew Gambogi

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EDUCATION	Rochester Institute of Technology - Rochester, NY B.S. Computer Science, Economics		
WORK EXPERIENCE	Microsoft - Redmond, WA Software Engineer Intern Upcoming internship on the Intune team.		Starting June 2016 microsoft.com
	Intuit - San Diego, CA Software Engineer Intern As a member of the TurboTax Data Science team: Contributed to design of novel machine learning algorithm. Created framework for data science model specification now used by data scientists throughout the company. Developed and deployed continuous integration solution for internal Python projects. Received "Win Together" award for accomplishments.		January - August 2015 turbotax.intuit.com
	Janssen Pharmaceutical - Remote Software Engineer Intern Used Haskell and 4store (graph database) to analyze material flow through a pharmaceutical recipe. Part-time.		Fall 2014, Fall 2015 - Present janssen.com
	athenahealth - Boston, MA Software Engineer Intern Member of the Security Development team. Engineered automated cross-site scripting (XSS) vulnerability detection system. Specifically targeted a large Perl web application.		Summer 2014 athenahealth.com
	Kaprica Security - Reston, VA Software Engineer Intern Developed Python web application using Flask, SQLAlchemy backed by PostgreSQL. Worked on frontend, backend. Also contacted suppliers for potential hardware obfuscation solutions.		Summer 2013 kapricasecurity.com
TECHNICAL SKILLS	SecureIT - Reston, VA Cyber Ninja (Research Intern) Studied, tested, and developed exploitation and exploit prevention techniques. Worked on DARPA contracts. Tested on an experimental (now patented) Control Flow Integrity system. Investigated a potential side channel attack vector in the Android keyboard process.		Summer 2012 secureit.com
	Languages Python, C, Haskell, OCaml, Lisp, Perl, Java, MIPS, HTML/CSS Tools Eclipse, gdb, git, L ^A T _E X, OracleSQL, Perforce, postgresSQL, Splunk, VerticaSQL, vim		
PERSONAL PROJECTS	CSH Evals Working with a small team of peers on a Haskell web application and API for automating large portions of the Computer Science House's evaluations process, member database. Typed Language Evaluator (TyLE) Toy simply typed lambda calculus interpreter in Haskell. Self-taught type theory, parser combinators.		
EXTRACURRICULAR	Computer Science House (CSH) - Active Member A 40 year old selective student technical organization, emphasizing technical projects and group learning. Elected History Director (Alumni Relations) 2014.		2012 - Present csh.rit.edu/