

Matthew Gambogi

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EDUCATION	Rochester Institute of Technology - Rochester, NY B.S. Computer Science, Economics		Spring 2017 (Expected)
WORK EXPERIENCE	Intuit - San Diego, CA Software Engineer Intern As a member of the Data Science team: Contributed to design of novel machine learning algorithm Created highly composable DSL for specifying data transformation pipelines. Models could be specified in Python and compiled to Java. Developed and deployed continuous integration solution for Python. Received "Win Together" award for accomplishments.		January - August 2015 http://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 http://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 http://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 http://kapricasecurity.com
	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 http://secureit.com
TECHNICAL SKILLS	Languages Python, C, Haskell, OCaml, Lisp, Perl, Java, MIPS, HTML/CSS Tools gdb, git, Perforce, OracleSQL, postgresSQL, VerticaSQL, vim, Eclipse, L ^A T _E X		
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 https://csh.rit.edu/