

EDUCATION	Rochester Institute of Technology Major: B.S. Computer Science Expected Graduation: May 2017	August 2012 - Present
TECHNICAL SKILLS	Proficient Languages: C, Go, Java, Python, Standard ML Farmiliar Languages: Haskell, JavaScript, Prolog, Rust, Ruby, Scheme Operating Systems: Linux (Arch and Debian based), Mac OS X Tools: Git, L ^A T _E X, Make, CMake, Regular Expressions, Finite Automata, Vim	
EXPERIENCE	Rochester Institute of Technology <i>Reserach Assistant</i> Re-implementing MLton's build system to support modern architectures and techniques and improving overall build quality. Switching from GNU Make and small number of handwritten build scripts to a CMake build system.	February 2016 - Present https://mlton.org
	Hudl <i>Software Development Intern</i> Sole developer on a mission critical application in Hudl's alerting pipeline. Created two open-source Go packages to interface with PagerDuty and Postmark's RESTful APIs.	June 2015 - December 2015 https://hudl.com
	Rochester Institute of Technology <i>Research Assistant</i> Learning about the general structure and implementation strategies of compilers. Implementing a general-purpose annotation system for the MLton compiler .	February 2015 - May 2015 https://mlton.org
PERSONAL PROJECTS	adhoc-prologmorphism <i>Independent Study on Adhoc-Polymorphism</i> A collection of documents and interpreters from my independent study on Adhoc-Polymorphism in Hindley-Milner type systems.	February 2016 - Present https://github.com/Rostepher/adhoc-prologmorphism
	brainfuck <i>Optimizing Brainfuck Interpreter</i> An interpreter for the esoteric, turing complete programming language Brainfuck written in Rust , utilizing a number of optimization strategies to exponentially decrease the number of operations and subsequently the execution time of Brainfuck programs.	December 2014 - Present https://github.com/Rostepher/brainfuck
	libstrcmp <i>String Distance Metric C Library</i> An optimized C library dedicated to fast implementations of various string distance and phonetic metrics used in natural language processing and fuzzy string matching .	June 2014 - December 2014 https://github.com/Rostepher/libstrcmp
	mget <i>Manga Scraping Ruby Utility</i> A Ruby utility to scrape manga chapters from online sources and then packages each chapter in a cbz (comic book zip) archive.	June 2014 https://github.com/Rostepher/mget
EXTRACURRICULAR CLUBS & ACTIVITIES	Computer Science House (CSH) <i>Alumni Memeber</i> A special interest house with a focus on project-based education in the field of computer science and its related sub-fields.	https://csh.rit.edu