

Ryan Serazin

twitter.com/esapyr

github.com/esapyr/

rps9530@rit.edu (810) 304-6041

I'm a fourth year undergraduate computer science student at [The Rochester Insitute of Technology](#). I'm currently interested in programming language theory, the limit and possibility of expressing processes symbolically, and continental philosophy. I primarily program in [Clojure](#), but sometimes dip into [Rust](#) and [Haskell](#) for fun. My current classe load include: Functional Programming Skills: Haskell, Data Mining, Nineteenth Century Philosophy, Critical Theory, and a class on Gilles Deleuze.

Internships and Co-ops

[Showcase IDX](#), Remote, 2014-2015 School Year, Remote Developer.

- Currently writing an administrator interface in Clojure to allow customers and resellers to better manage their service, as well as to help the support team when onboarding and providing support.

[Tourbuzz](#), Atlanta GA. Summer 2014, Software Engineering Intern.

- Wrote a PHP app that routed incoming support calls to the highest priority support member available, while also finding the incoming caller's information and sending it to the support member over hipchat.
- Wrote Clojure app that translated Dieselpoint queries into Elasticsearch queries on the the fly using a hand written context free grammar.
- Architected a Javascript app that used Angular and D3 to find trends in customer information over time.

[National Technical Insitue for the Deaf](#), Rochester, NY. Summer 2013, Part-Time Application Developer.

- Wrote and compiled a very limited graphical front end for editing video with FFMPEG using Tkinter in Python.
- Maintained a course management system written in Javascript and ASP classic.

[Maclean-Fogg](#), Royal Oak, MI. Summer 2012, Part-Time Information Technology Intern.

- Designed and implemented an ASP.net website and backing database for all maintenance department staff at Maclean-Fogg's facilities to track part usage.
- Wrote a small C# that organized internal documentation that had been recently been digitized for our paperless information system.
- Wrote a VBA macro for outlook that extracted tooling shortage messages sent by the ERP system and entered them into a database.

Personal Projects

Wrote an interpreter for McCarthy's original [lisp](#) in rust

Wrote an asynchronous graphical client server [chat application](#) in clojure using the aleph library

Hacked on a [django application](#) during [rit48](#) that connected students looking to build a team for a personal project.

Hacked on a [flask app](#) to help manage team and point information for an annual penny wars philanthropic event.

Hacked on a [clojure app](#) to help manage service hour reporting.

Service Chair for the [Iota Beta chapter](#) of [Kappa Delta Rho](#) from the 2013 spring semester to the 2014 fall semester.

Education

B.S. of Computer Science expected in 2016 with a minor in philosophy

Relevant Courses: Data Mining, Functional Programming Skills, Software Engineering, Artificial Intelligence, Programming Language Concepts, Professional Communication, Concepts of Computer Systems, Operating Systems, Computer Science Theory, Data Communication, Analysis of Algorithms, Parallel and Distributed Systems.

Skills

- Clojure, Rust, Python, Java > Javascript, HTML/CSS > Haskell, PHP, C/C++
- Ring/Compojure > Flask, Django > Angular, Nodejs
- Vim > Eclipse, Lighttable, Visual Studio
- GNU/Linux > Windows 8/7, OS X
- git