

Ryan Serazin

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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.

Education

B.S. of Computer Science expected in 2016 with a minor in philosophy from The Rochester Institute of Technology.

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

- **Languages:** Clojure, Haskell, Rust, Python, Java, Javascript, HTML/CSS, PHP, C/C++
- **Libraries:** Ring/Compojure, Flask, Django, Angular, Nodejs, D3
- **Text Editors:** Vim, Eclipse, Lighttable, Visual Studio
- **Operating Systems:** GNU/Linux, Windows 8/7, OS X
- **Source Control:** git

Internships & Co-ops

Showcase IDX, Remote 2014-2015 School Year

- 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

- 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 Diesel-point queries into Elasticsearch queries on 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 Institute for the Deaf, Rochester NY Summer 2013

- 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

- 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# script 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.