

# Ryan Serazin

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## Education

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

## Personal Projects

- Wrote a simple interpreter for McCarthy's original lisp in rust.
- Wrote an asynchronous graphical client server chat application in clojure using the aleph channel 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.

## Skills

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

## Extracurriculars

- Served as service chair for the Iota Beta chapter of Kappa Delta Rho from Fall 2013 to Spring 2014.
- Participated in HackMIT in 2013.
- Participated in the RIT48 hackathon in 2013.

## Internships & Co-ops

### *Showcase IDX (subsidiary of Tourbuzz)*

Atlanta GA

Summer-Fall 2015

- Took over responsibilities for all Multiple Listing Service data, including importing and cleaning, after the lead developer left to pursue his startup full time.
- Pulled our original data management system out of a monolithic codebase into it's own service.
- Wrote an administrative dashboard that let members of our small team quickly see the health of our entire system and individual MLS feeds, quickly change feed specific information, write feed specific notes, add new data feeds, and have more fine grained control over data importing.
- Wrote an administrative tool that allowed non-technical members of our small team easily adjust how we clean incoming MLS feed data.

### *Tourbuzz*

Atlanta GA

Summer 2014

- Wrote an on the fly dieselpoint query language to elasticsearch query language transpiler in Clojure using instaparse and a hand written context free grammar.
- Wrote a PHP app that routed incoming support calls to the highest priority support member available, while also finding the information we had internally on the incoming caller and sending it to that support member over hipchat.

### *The National Technical Institute for the Deaf*

Rochester NY

Summer 2013

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

### *Maclean-Fogg Component Solutions*

Royal Oak MI

Summer 2012

- Designed and implemented a simple ASP.net website and backing database for all maintenance department staff at Maclean-Fogg's facilities to track part usage.