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#### WHAT I WANT TO DO:

Solve difficult problems and grow my knowledge with a team of others preferably smarter and more knowledgeable than I.

#### WHAT I'M GOOD AT:

Solving difficult problems in creative ways and I excel at viewing problems from different perspectives. Whether it's monad transformers in Haskell, 'let over lambda' object creation in Common Lisp, or simply hanging shelves, I apply this approach to everything.

Architecting complex systems (especially high throughput messaging systems) for reliability and redundancy.

#### WHY I THINK I'M GOOD AT IT:

I can sit down, without a book or access to google/stackoverflow/etc. and write a solution to a problem in either Erlang, Haskell, Common Lisp, Perl, Ruby, and Python.

I have designed and implemented high throughput messaging systems (~100k messages per second) using both plain sockets, and ZeroMQ one of which is still in production and has been running continuously, and I really mean no downtime whatsoever, since October of 2006.

Programming is as much of who I am as what I do. I have had one project or another to work on constantly since I was 12 years old. I have no delusions that I know everything there is to know about anything, nor do I have an inflated ego to protect. I crave knowledge and understanding and to that end I delight in being proven wrong about even long-held assumptions.

# **EXPERIENCE**

## NINJABLOCKS — 4/2012 6/2012

**Haskell** programmer for this **kickstarter.com** funded startup. Worked with, but did not design messaging framework and network communication strategy.

## **THOUGHTLEADR** — 12/2011 4/2012

Devops Engineer for this startup in San Francisco. Configured, wrote, and maintained services and tools for other developers. Primary language was Haskell.

## **TECHNOLOFT, LLC** — 2/2010 10/2011

Co-founder of this startup. Delivered a Mac OS X Cocoa application written almost completely in Haskell.

# WHITEPAGES.COM — 9/2009 1/2010

Ruby on Rails application development and maintenance.

My first tech job was in 1994 - a complete work history is available upon request.