

# Isaac Karrer

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## EDUCATION

### GEORGIA TECH

#### MASTERS OF SCIENCE, COMPUTER SCIENCE

Aug 2016 - Currently Attending  
Specialization in Machine Learning

### TEXAS STATE UNIVERSITY

#### BS IN COMPUTER SCIENCE

May 2014 | San Marcos, Tx  
Major GPA: 3.8  
Math Minor  
College of Engineering  
Dean's List (Fall 13, Spring 14)

### LBJ LASA

Liberal Arts & Science Academy  
Grad. May 2005 | Austin, Tx

### COURSEWORK

High Performance Computer Arch  
Data Mining  
Data Compression  
Object Oriented Design  
Networks  
Computer Architecture  
Data Structures

## SKILLS

### PROGRAMMING

Frameworks  
Chef • Cucumber • Spring

### Proficient Languages

Java • Ruby • Python • Bash  
C++ • HTML • CSS • Javascript

### Familiar Languages

Assembly • DB2 • MySQL • Latex

### DEPLOYMENT

Vagrant • Docker • Gradle

### CLOUD SERVICES

OpenStack Object Storage • SoftLayer  
Amazon Web Services • Oracle CRM DB

## EXPERIENCE

### JAMF | Software Engineer in Test

October 2015 - Current | Eau Claire, WI

- Implemented Client Reservation System using Spring Boot, Docker, and Gradle. Used MySQL in production and H2 for local development. Client and documentation generated with Swagger Code Gen.
- Led effort with two interns to automate manual tests using Cucumber-JVM
- Implemented REST client for legacy Customer API using Spring and JaxB
- Worked with a globally distributed team to organize automation of manual tests
- Helped implement new system testing framework using Selenium, Cucumber, and Java

### IBM | Cloud Infrastructure Services - Software Engineer

May 2014 - June 2015 | Austin, TX

- Deployed OpenStack Object Storage (Swift) within IBM Cloud OpenStack Services (ICOS) using Chef
- Wrote an automated capacity manager using Python for OpenStack Swift
- Automated 100% of Build Verification and 95% of Functional Verification Test Cases for ICOS environment for OpenStack Swift
- Automated Ring building for OpenStack Swift using Chef
- Mapped 90% of OpenStack Cinder API to SoftLayer Block Storage API
- Worked with developers across the globe to accomplish daily tasks

### SAN FRANCISCO CONSULTING GROUP

Software Engineering Intern

May 2013 - Sept 2013 | Austin, TX

- Wrote scripts to perform custom CRUD jobs against customer data
- Used PHP and jQuery to create web based solutions for customers
- Worked with project managers from client companies to deliver IT solutions

### CITY OF AUSTIN PARKS AND RECREATION PARKS DIVISION

Supervisor, Manager, Maintenance, Lifeguard Instructor

May 2004 - Aug 2012 | Austin, TX

- 6 years management, leadership, and teaching experience
- 3 years experience troubleshooting automated chemical control systems
- Managed and trained 70+ employees across 6 sites
- Taught American Redcross CPR and Lifeguarding courses

## ACCOMPLISHMENTS

2016	Led two interns for the summer to automate manual tests
2015	Certified Casper Technician
2014	Manager's Choice Dare to Create Original Ideas
2013	#3 contributor <a href="http://github.com/softlayer/jumpgate">http://github.com/softlayer/jumpgate</a>
2013	1 <sup>st</sup> /20 AMC-ICPC, Texas State Programming Competition
2013	First 1000 to complete IBM Master the Mainframe Part One