

# Isaac Karrer

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## EDUCATION

### 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

Data Mining  
Data Compression  
Object Oriented Design  
Networks  
Computer Architecture  
Data Structures

## SKILLS

### PROGRAMMING

Frameworks  
Chef • Rails • Django • Tempest  
jQuery • Bootstrap • wheezy.web  
Proficient Languages  
Ruby • Python • Bash • C++ • Java  
HTML • CSS • PHP • Javascript  
Familiar Languages  
Assembly • DB2 • MySQL • JBL

### CLOUD SERVICES

OpenStack Object Storage  
SoftLayer  
Amazon Web Services  
Oracle CRM DB

## EXPERIENCE

### IBM | Cloud Infrastructure Services - Software Engineer

May 2014 – Current | Austin, TX

- Deployed OpenStack Object Storage (Swift) within IBM Cloud OpenStack Services (ICOS), IBM OpenStack Public Cloud Beta, and OVS environments
- 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
- Helped Increase overall test code coverage of Jumpgate by 20%
- Gave a 1 hour Introduction to OpenStack 'Lunch and Learn' using Jumpgate
- 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 operations 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

### WEST TEXAS WINGS | Manager

June 2012 – July 2012 | Austin, TX

- Increased revenue by 17% by developing a website to host the menu
- Developed standards for food handling which resulted in a 94/100 on an inspection from the State Health Department
- Facilitated the Grand Opening

### 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
- Started as a lifeguard and worked up to a full time position

## ACCOMPLISHMENTS

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

## PUBLICATIONS

Use Jumpgate to Manage Your SoftLayer Storage Resources

<http://sldn.softlayer.com/blog/Isaac-Karrer/Use-Jumpgate-Manage-Your-SoftLayer-Storage-Resources>