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

Datamining
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 Infrastrucutre Services - Software Engineer

May 2014 – Current | Austin, TX

- Deployed OpenStack Object Storage within IBM Cloud OpenStack Services (ICOS) , IBM OpenStack Public Cloud Beta, and OVS environments
- Automated capacity management for OpenStack Object Storage within ICOS
- Automated 100% of Build Verification and 95% of Functional Verification Test Cases for ICOS environment for OpenStack Object Storage
- Automated Ring building for OpenStack Object Storage within the ICOS
- 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 Lifegaurding 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	http://github.com/softlayer/jumpgate
2013	1st/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