

# Christopher Casey

## Software Engineer

Austin, TX - Email me on Indeed: [indeed.com/r/Christopher-Casey/8ea92eb38c3d6ddc](https://www.indeed.com/r/Christopher-Casey/8ea92eb38c3d6ddc)

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Software Engineer

IBM - April 2015 to August 2016

- Worked on automation of Openstack deployment of Keystone
- Automated deployment of MariaDB Galera cluster
- Designed method for automatic backup and failover of Galera cluster
- Designed method for mostly automated database recovery
- Patched and configured Openstack to defer policy decisions to external server

#### Software Engineer

Virtual Bridges, Inc - December 2013 to March 2015

Worked on a Django project to provide multi-cloud VDI provisioning, specifically on pieces to help ensure Active Directory information was passed through and to connect to OpenStack via its Python API

- Created a desktop application in Python that interfaced with OpenStack's REST API to list and upload disk images to Glance
- Worked on a Clojure project to provide multi-cloud DaaS
- Created .NET desktop application to upload images to OpenStack,
- Worked on a .NET project designed to perform live migrations of VMs from one cloud to another

#### Senior Developer

eBook Architects - May 2010 to October 2013

- Use manual HTML and CSS coding in a detail-oriented process to prepare eBooks for publishing in various formats such as Kindle and ePub
- Help consult on and develop automated processes in Perl and Python
- Developed in-house documentation
- Trained all current developer staff
- Developed a process to ingest 3rd-party files into our process, making it easier to edit outside files
- Researched new technologies as needed, trained staff as necessary
- Maintained queue for book revisions, including scheduling projects and interfacing with clients; kept queue down to one week
- Helped maintain infrastructure including network, Linux-based file sharing, and servers such as a git repository and wiki
- Record, edit, & host the eBook Ninjas Podcast

#### ITS Consultant

- May 2009 to August 2010

The University of Texas ITS Help Desk

- Assisted students and staff with a variety of computer-related problems via phone, e-mail, and walk-in desk, anything from a password reset to finding a lost Word document in browser cache.

### **Software Developer**

Enthought, Inc - May 2008 to February 2009

Worked on a team to help develop, debug, and used a build system that built and put together a product that contained over 70 independently developed software packages

- Responsible for ensuring the product built and was deployable on Red Hat Linux
- Also worked on elements on Windows and OS X

### **ITS Consultant**

- August 2007 to May 2008

The University of Texas ITS Help Desk

- Assisted students and staff with a variety of computer-related problems via phone, e-mail, and walk-in desk

### **Assistant Researcher**

Iverson Labs - January 2006 to December 2006

Assisted a graduate student with synthesizing monomers to be used for the creation of a cyclic bis-intercalator

### **Network Administrator**

Today's Publishing - February 2000 to February 2001

- Maintained network of Windows NT and Mac OS 9 machines in good working order
- Decided in allocation and placement of technology resources
- Assisted in technology-related purchasing decisions
- Researched and tested new technologies

## **EDUCATION**

### **Technical Writing**

Austin Community College

2002 to 2005

### **Chemistry**

The University of Texas at Austin - Austin, TX

## **SKILLS**

PYTHON (4 years), CSS (3 years), HTML (3 years), PERL (3 years), .NET (1 year)

## **ADDITIONAL INFORMATION**

Skills Programming Languages: Python, .NET, Javascript, HTML, CSS, Ansible

Familiarity with Perl, Clojure, C++, Java

Technical Computational Methods In Chemistry

Courses Java Web Programming

C++ Technical Writing

Python