

EDUCATION

Bachelor of Science, Computer Information Science; *Emphasis: Information Technology*

Missouri Southern State University, Joplin, Missouri — July 2014

Major GPA: 3.90

Associate of Arts, General Studies

Crowder College, Neosho, Missouri — July 2011

GPA: 3.69

WORK EXPERIENCE

March 2016 - Present **BriteCore**: *Software Engineer II*

- Supported the insurance application BriteCore using Python, SQLAlchemy, Bootstrap 3, Knockout.js, and many other technologies.
- Developed a new BriteCore Claims module using Python and Django.

February 2015 - March 2016 **SideCars, Inc.**: *Software Architect*

- Developed the reinsurance application SideKick using Python and the Django web framework.
- Kept SideKick up-to-date with the latest Django versions from Django 1.6 to Django 1.9.
- Spearheaded an initiative that raised SideKick automated testing from 270 tests and 46% test coverage to 2500 tests and 95% test coverage in 13 months.

August 2014 - November 2014 **Self**: *Freelance Web Developer*

- Programmed the HTML, CSS, JavaScript, and PHP that powers the MSSU website (<http://mssu.edu>).

June 2013 - January 2015 **MSSU Information Technology**: *Programmer Analyst - Applications*

- Rewrote the main MSSU Online Admissions application using the Grails framework.
- Developed a series of Finance Applications for the MSSU Business Office using the Grails framework.
- Created a suite of 15 portlets for use by MSSU employees and students using the Grails framework.
- Maintained existing mission-critical C# and ASP.NET applications.

January 2013 - June 2013 **MSSU Information Technology**: *Programmer (Intern)*

- Configured the MSSU Help Desk software JIRA. Created documentation and trained staff on how to use it.
- Developed a booklist desktop and mobile web application for MSSU students using the Grails framework.

September 2012 - January 2013 **MSSU Information Technology**: *Student Technician*

- Learned about Active Directory, domains, users/groups, and basic Windows LAN administration.
- Expanded on my customer relations' skills through personal interactions with MSSU faculty and staff.
- Assisted professors and students with computer-related issues at the User Services Help Desk.

OPEN SOURCE

- **django-avatar** - A Django app for handling user avatars
- **django-field-history** - A Django app to track changes to a model field
- **django-lazy-tags** - A Django app for easily loading template tags via AJAX

TECHNICAL SKILLS

- **Front-End:** HTML5, CSS3, JavaScript, jQuery, Bootstrap
- **Back-End:** Python, Django, Flask, Groovy, Grails, C#, ASP.NET, SQL
- **Other:** Git, Linux, Docker, Vagrant, Bash

RELATED COURSEWORK

- Website Administration I and II
- Data Structures
- Programming I and II
- UNIX System Administration
- Windows LAN Administration
- Information Systems I and II
- Database Management I and II
- Operating Systems