

# Grant McConnaughey

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## EDUCATION

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

Missouri Southern State University, Joplin, Missouri — July 2014

Major GPA: 3.90

## WORK EXPERIENCE

June 2019 - Present

**BriteCore**: *Director of Engineering, Policy Administration*

- Lead a team of software architects to design software architecture for four products: Lines, Quote, Policies, and Integrations.
- Manage a division of 35 engineers across five teams.
- Mentor engineering managers to help their teams be productive and engaged.
- Work alongside product management to gather requirements, decompose features, prioritize work, and build roadmaps for teams.
- Uncover and remove team roadblocks to ensure the highest level of productivity.

March 2016 - June 2019

**BriteCore**: *Software Architect*

- Lead a team of engineers to build BriteLines, an insurance product definition service and a rating engine.
- Lead a team of engineers to build BriteQuote, a service for building configurable quoting wizards for agents.
- Presented services to hundreds of attendees at BriteCon, BriteCore's annual user conference, several years in a row.
- 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.
- Raised SideKick automated testing from 270 tests and 46% code coverage to 2500 tests and 95% code 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
- **Lintly** - A Continuous Integration CLI that slurps up linter output and sends it to a GitHub PR review.
- **Flake8Rules** - Descriptions and examples for the rules in Flake8 (pyflakes, pycodestyle, and mccabe).

## TECHNICAL SKILLS

- **Certifications**: AWS Certified Solutions Architect - Associate
- **Front-End**: JavaScript (ES6), Vue.js, Node.js, Webpack, HTML, CSS
- **Back-End**: Python, Django, Flask, Groovy, Grails, C#, ASP.NET, SQL
- **AWS**: Lambda, API Gateway, CloudFormation, S3, CloudFront, SQS, Code\*, and many more