

Cody J. McKee

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Education

Clemson University

Clemson, SC

B.S. IN COMPUTER SCIENCE

- Expected Graduation: May 2019
- Minor in Mathematical Sciences
- GPA: 3.74/4.00

Experience

TIAA

Charlotte, NC

SOFTWARE ENGINEERING INTERN

Jun. 2017 - Aug. 2017

- Developed and deployed two internal single-page web apps for database processing and analysis forecasting using the Java Spring framework with JDBC for SQL integration and Jasypt encryption for sensitive information
- Designed and implemented custom UI for these apps with Java Spring MVC using HTML5, CSS, and JavaScript
- Oversaw testing of applications and deployment to over 20 users that allowed real-time data update and reduced entry time by over 50% without need for long email chains

Watt Family Innovation Center

Clemson, SC

SOFTWARE DEVELOPMENT INTERN

May 2016 - Jan. 2017

- Designed, implemented, and deployed software for monitoring and processing resource usage of several programs throughout the building using JavaScript and Python with Firebase for data collection
- Developed scripts for remote installations, debugging, and technical support using Dell KACE, Auto-Hotkey, and Python

Projects

browSMS

DUBHACKS 2016

University of Washington

- Integrated Twilio API, Flask, MySQL, and Amazon Web Services to develop a web browser based in SMS utilizing Python for parsing and processing
- Won "Best Use of AWS" at event

Goatify.me

HACKGT 2016

Georgia Tech

- Developed an audio processor using a Python backend with AWS and a JavaScript user interface to convert conventional music into musical goats

Chess Bot

PERSONAL PROJECT

- Developed a chess game using Java with the Swing GUI and integrated artificial intelligence in a move selection algorithm based on two-move trees

Skills

Major Languages:

Java, C++, C, Python, SQL, ARM

Web Development:

JavaScript, HTML/CSS, AngularJS, Java Spring MVC

Technologies:

Twilio API, Firebase, Amazon Web Services, Docker, Tomcat