Cody McKee

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Education

Clemson University, Clemson, SC
Computer Science
3.88 GPA   Expected graduation: May 2018

Experience

Software Development Intern, May 2016-January 2017
Watt Family Innovation Center, Clemson, SC
- 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, AutoHotkey, and Python

Undergraduate Research Assistant, July 2015-February 2016
Clemson University, Clemson, SC
- Examined the effects of various virtual environments on teamwork by conducting experiments and interpreting resulting data, as well as managing data transfer between Clemson and University of Central Florida
- Processed internal and external experimental data to be used by the Greenville Health System to redesign their training programs within the organization

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, ARM
- Web Development: JavaScript, HTML/CSS, AngularJS, PHP
- Technologies: Twilio API, Flask, Firebase, Clarifai, Amazon Web Services