Zachary Dobbs

3315 Old 63 South · Columbia, Missouri 65201 · www.zachdobbs.life · dobbszach@gmail.com

EDUCATION .

University of Missouri   Columbia, Missouri
Bachelor of Science in Computer Science   Expected Graduation May 2019
Minor in Mathematics   4.0/4.0 GPA

PROJECTS .

Rails Sample Application   May 2017 - Present
- Developed a full Twitter clone using the Ruby on Rails web framework
- Educated myself on the proper development practices with the Ruby on Rails framework and the REST architecture
- Exposed to test driven development and effectively scaling projects from development to production

Kendrick Lamar Dedication Site   April 2017 - May 2017
- Developed as a final project for a web development course
- Implemented user creation and authentication using PHP scripting on a MySQL database
- Featured jQuery animations on Bootstrap elements with dynamic page content rendering
- Streamlined development using custom templates with PHP

Lakeside Improvement and Efficiency Software   June 2016 - December 2016
- Created for a growing goat farm in local hometown community
- Developed using HTML/CSS, with implementation of Bootstrap and jQuery, and PHP scripts that communicate with SQL databases
- Allowed user to manage and generate reports for their current inventory of approximately twenty dairy and meat goats, as well as post weekly work schedules for employees to view

SKILLS .

Strong background in web development technologies
- HTML, CSS, Bootstrap, LAMP development stack, Python (Flask), Ruby on Rails, JavaScript (jQuery, AJAX), server configuration and maintenance

General programming background
- Advanced experience with C, Java, Pascal, and BASIC
- Knowledge of advanced algorithm design and analysis

Fundamental technical sophistication
- Microsoft Office, Excel Formulations, UNIX environments, Git, Agile Development Practices

WORK EXPERIENCE .

Lifeguard, *University of Missouri Recreation Complex*, Columbia, Missouri   February 2016 - Present
- Ensured the safety and overall positive experience of patrons

Intern, Enterprise Voice Technologies, *Express Scripts*, St. Louis, Missouri   May 2017 - August 2017
- Assisted in the migration and consolidation of 11 telecommunication management servers into a central updated model
- Conducted extensive investigations into the activity of voicemail boxes within the enterprise that resulted in the decommissioning of over 1,200 inactive voicemail boxes

VOLUNTEER EXPERIENCE .

Adopt-A-Highway, Columbia, Missouri   March 2016 - Present
- Coordinated and participated in biannual efforts to clean two miles of highway with Alpha Kappa Lambda Fraternity

These Hands Don't Hurt Philanthropy, Columbia, Missouri   April 2016 - April 2017
- Assisted Alpha Kappa Lambda Fraternity and Alpha Chi Omega Sorority in the raising of over $5800 for victims of domestic abuse in the local Columbia area

ORGANIZATIONS .

Active Member of Upsilon Pi Epsilon Honor Society, Columbia, Missouri   September 2017 - Present
Active Member of Alpha Kappa Lambda Fraternity, Columbia, Missouri   August 2015 - Present
- Elected President for 2017; leader of over 60 men, drafted new policies to improve chapter infrastructure and longevity
- Appointed Homecoming Blood Liaison for 2016; collaborated and organized efforts to schedule over 300 blood donors
- Elected Scholarship Chair for 2016; implemented new policies to improve scholastic performance
- Elected Pledge Class President for 2015; took on responsibilities as a young leader of 11 other pledge brothers

HONORS AND AWARDS .

2015-2017 Engineering Dean's Scholar Recipient
Scored a cumulative score of 34 on the ACT