MUSSIE HABTEMICHAEL

602 South Elson St, Kirksville, Missouri 63501 | (916) 670-2653 | mussie.habtemichael2@gmail.com

mussieh.com | https://github.com/mussieh | https://www.linkedin.com/in/mussie-habtemichael

PROFESSIONAL SKILLS

Intermediate Proficiency: Java, C++, HTML, CSS, JavaScript, Python, Web Design, W3.CSS

Basic Proficiency: Bootstrap framework, Bash

IDEs and Text Editors: Eclipse, Android Studio, Atom, Sublime Text

Miscellaneous: AWS, Google Cloud, Microsoft Azure, Github, MongoDB, MySQL, phpMyAdmin, Ubuntu, Oracle VM VirtualBox

EDUCATION

B.S. in Computer Science
Truman State University / 2014–2018

AWARDS

CODY SUMTER SCHOLARSHIP
Truman State University Foundation
Aug. 2015–May 2016

- *The largest dollar amount scholarship in Computer Science*

PRESIDENT'S HONORARY SCHOLARSHIP
Truman State University Foundation
Jan. 2014–Present

- *Awarded for "significant academic achievement and co-curricular involvement"*

VICE PRESIDENT FOR ACADEMIC AFFAIRS LIST
Truman State University Foundation
Jan. 2014–Dec. 2017

- *Awarded for maintaining a 3.5–3.99 grade point average*

WORK EXPERIENCE

WEB DEVELOPER / mussieh.com
Dec. 2017–Present

- Developed my personal website using the W3.CSS framework and its provided templates
- Wrote JavaScript code for night mode support and a better user experience
- Designed and tested to be mobile-friendly with full W3C markup validation

IT SUPPORT / DEPARTMENT OF COMPUTER SCIENCE
Truman State University | Jan. 2015–Present

- Maintained a computer lab for Computer Science and Mathematics students
- Helped students with programming assignments as well as assignments in Mathematics and Statistics

TEACHING ASSISTANT / DEPARTMENT OF MATHEMATICS
Truman State University | Jan. 2015–Dec. 2017

- Assisted with Essentials of Calculus assignment grading
- Rectified incorrect solution manuals provided for grading

PROJECTS

BOT 451 / ANDROID APPLICATION
Capstone Experience Project
Truman State University | Jan. 2018–Present

- Launched an open-source Android application project using Java and the Android API
- Designed the application to recommend academic resources in Computer Science and Mathematics
- Employed the Material Design UI pattern for an optimum user experience

DES CRYPTANALYSIS PROJECT
Truman State University | Sept. 2017–Nov. 2017

- Led a six-person team that worked to implement a brute-force scheme for the DES cipher in C++ and Python
- Designed and completed a Java implementation of the project that was about ten times faster than the corresponding Python implementation
- Rewrote the same Java program in C++ with further optimization to get a C++ program forty times faster than the Python implementation (as tested on Ubuntu)

CAMPUS ACTIVITY

AFRICAN STUDENTS ASSOCIATION
- *Member | Jan. 2014–May 2014*
- *Learned the customs and etiquette of various cultures*

CAMPUS CHRISTIAN FELLOWSHIP
- *Member | Mar. 2014–May 2015*
- *Renovated institutions that served as shelters for those in need*