Bazil Mupisiri T.
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Github: https://github.com/bazilm16   **Linkedin:** https://www.linkedin.com/in/bazilmupisiri

Education
Grinnell College   **Grinnell, IA**
Bachelor of Arts, Computer Science   *Expected May 2018*

<ins>Relevant Courses</ins>
• Imperative Problem Solving and Data Structures   • Functional Problem Solving skills   • Algorithms and Object Oriented Design
• Financial Economics   • Differential and Integral Calculus   • Computer Networks   • Discrete Structures   • Analysis of Algorithms

<ins>Knowledge and Skills</ins>
• Proficient in programming with PHP, Java and C • Web designing and development using HTML5, CSS3, and JavaScript (Vanilla and jQuery), React.js, Java Servlets, Real time web Applications • Experience with developing RESTful APIs • 2 years' experience with Linux terminal and bash scripting • Database experience: MySQL and MongoDB • Agile Methodologies, Software Design Patterns, Algorithms, Data Structures, System Administration, Computer Networks (Network Protocols such as ADP, TCP and HTTP fundamentals) • Server administration

Work Experience
Software Engineer, 236 Chat (part time), Harare Zimbabwe (263chat.com) **[June 2016 – present]**
<ins>Duties involved</ins>
• Building their news distribution system to handle the backend for both web and mobile apps

Lead Engineer, African Exponent, (www.africanexponent.com) **[September 2016 – present]**
<ins>Duties involved</ins>
• Developing a forum application to help over 250,000 unique visitors of the site socialize and communicate on trending world news

Computer Science Teaching Assistant and Grader, Grinnell College Computer Science **[August 2016 – present]**

Linux System Administrator (Mentored Independent Project / Internship), Grinnell College MathLAN, Grinnell IA
 [June 2015 – July 2015 (10 weeks)]
<ins>Duties involved</ins>
• Installed new Debian GNU operating Systems for the network and researched on improvements to the system and website

Web Development Intern, B2C Co-working **[June 2016 – July 2016]**
<ins>Duties involved</ins>
• I worked on the backend for their new web based login and user management system

Xerroe.com(Personal Project) [September 2015 – present (1 year)]
<ins>Duties involved</ins>
• This is a social network I created (still under development) powered by the lamp stack as well as a self configured server

Library Applications Development Intern, Grinnell College Digital Library, Grinnell IA (https://digital.grinnell.edu)
[December 2014 – February 2015 (3 months)]
<ins>Duties involved</ins>
• Helped install the Drupal upgrade for Digital Grinnell and migrated over 1000 pieces of content from the old website to the new one
• Used PHP and ImageMagick to compress and process uploaded images

Programmer/Web Developer, Grinnell College Digital Library, Grinnell IA(https://digital.grinnell.edu) **[February 2015 – present (1 year 6 months)]**
<ins>Duties involved</ins>
• Help maintain the Digital Grinnell website by assisting the development of the interface and backend system

Assistant Systems Admin/Front-end Web Developer (*Volunteer***)**, Wieting Theatre, Toledo IA   **[September 2015 – present (1 year)]**
<ins>Duties involved</ins>
• Helped create a web interface to manage one of the servers and created a web tool to help the system admin analyze the server and carry out tests

Systems Admin/Programmer, Prairie Journal (Root Stalk), Grinnell Iowa **[March 2016 – May 2015 (2 months)]** now **[current]**
<ins>Duties involved</ins>
• I'm currently working on an upgrade of their website for their journal

Web Application Developer, Education Matters Africa (voluntary), Harare, Zimbabwe **[June 2016– present]**
<ins>Duties involved</ins>
• I'm working on an Africa wide web application to connect African students studying over seas with African companies