

Bazil Mupisiri T.

[(641) 260-6464] | [mupisiri@grinnell.edu] | [#4040, 1115 8th Avenue, Grinnell, IA, 50112, US]

Github: <https://github.com/bazilm16>

Linkedin: <https://www.linkedin.com/in/bazilmupisiri>

Education

Grinnell College

Bachelor of Arts, Computer Science

Grinnell, IA

Expected May 2018

Relevant Courses

- 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

Knowledge and Skills

- Proficient in programming with PHP, Java and C • Web designing and development using HTML5, CSS3, and JavaScript (Vanilla and jQuery)
- 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

Work Experience

Software Engineer, 236 Chat (part time), Harare Zimbabwe (263chat.com) **[June 2016 – present]**

Duties involved

- Building their news distribution system to handle the backend for both web and mobile apps

Software Engineer, African Exponent, (www.africanexponent.com) **[September 2016 – present]**

Duties involved

- 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)]

Duties involved

- Installed new Debian GNU operating Systems for the network and researched on improvements to the system and website

Library Applications Development Intern, Grinnell College Digital Library, Grinnell IA (<https://digital.grinnell.edu>)

[December 2014 – February 2015 (3 months)]

Duties involved

- 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)]**

Duties involved

- 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)]**

Duties involved

- 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

Volunteer Web Developer, Grinnell College Computer Science, Grinnell IA **[September 2015 – September 2016(1 year)]**

Duties involved

- I was working on an upgrade for the Computer Science website

Xerrore.com(Personal Project) **[September 2015 – present (1 year)]**

Duties involved

- This is a social network I created (still under development) powered by the lamp stack as well as a self configured server

Systems Admin/Programmer, Prairie Journal (Root Stalk), Grinnell Iowa **[March 2016 – May 2015 (2 months)]** now **[current]**

Duties involved

- I'm currently working on an upgrade of their website for their journal

Web Development Intern, B2C Co-working **[June 2016 – July 2016]**

Duties involved

- I worked on the backend for their new web based login and user management system

Web Application Developer, Education Matters Africa (voluntary), Harare, Zimbabwe **[June 2016– present]**

Duties involved

- I'm working on an Africa wide web application to connect African students studying over seas with African companies