

Bazil Mupisiri T.

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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 Java, Swift, PHP, C and C++ • iOS Development with Swift and React JS, Web designing and development using HTML5, CSS3, and JavaScript (Vanilla and jQuery), Node 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]**

Duties involved

- 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]**

Duties involved

- Building and maintaining a news application that has receives more than 300,000 unique users

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 system software and configured the network's more than 200 workstations

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

Duties involved

- I worked on the backend for a user management system for their finances and their hundreds daily clients

Xerroe.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

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
- Helped install the Drupal upgrade for Digital Grinnell and migrated over 1000 pieces of content from the old website to the new one

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 administrator run tests using a web interface from any device

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

Duties involved

- I'm currently working on a journal web application for the Prairie Studies Department to be used by more than a thousand people in the surrounding counties

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 in the diaspora with career opportunities with African companies

Front-end Engineer, Econet Wireless Zimbabwe (voluntary), Harare, Zimbabwe **[June 2016– present]**

Duties involved

- Working with a team of developers to create a mentoring application for their Non Profit Organization, Higher Life Foundation