

Jose Dieudonne Zindia

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EDUCATION

Berea College- Cumulative GPA: 3.55

Berea, Kentucky

Major: BA, Computer Science, Political Science

Expected Graduation: May 2018

Scholarships/Honors/Awards: Full 4-Year Tuition Scholarship, Dean's List (4x), Young Leaders Award

Relevant Coursework: Software Design, Software Engineering, Database Systems, Data Structures/Algorithm, Discrete Math, Networking, Statistical Research Methods, International Relations

SKILLS

Programming/Scripting Languages: Python | Ruby | C/C++ | HTML & CSS/JS | Java |

Databases: SQLite | MySQL | NoSQL | MongoDB

Technologies: Flask | Ruby on Rails | Django | Angular.js | Jinja | Bootstrap | jQuery | AJAX | Git | Jupyter | AWS | Google Cloud

Languages: English (Fluent) | South Sudanese Arabic (Native) | French (Basic)

EXPERIENCE

Student Software Developer | Berea College, KY

Jan 2017 – Present

- Collaborate in a team of 8 to develop and deploy 3+ live web applications used by 1600+ students and 300+ faculty by using **Flask/Jinja** framework
- Update clients frequently about the status of their requests and respond to their feedback on software iterations
- Maintain systems, resolve at least 3+ issues/bugs per week on 3 live web applications in a team environment using **Git**

Teaching Assistant—Software Design | Berea College, KY

Aug 2017 – Present

- Grade assignments, lead a weekly 5-hour helper session for a class of 30 students and assist faculty in managing course activities

Software Engineering Intern | Berea College, KY

Summer 2017

- Spent 400+ hours developing and maintaining 3 dynamic web applications using Python-based **Flask**, **SQLite** and **jQuery** in a team environment; upgraded interfaces and improved performance of an existing chemical inventory web app by **25%**
- Developed and implemented a data analytics web application using **Rails** for the front-end and **MySQL** for the back-end
- Became adept in using **Agile**, **Lean**, **Git** and collaborating closely with team members to develop robust solutions that elevated client-side experience

PROJECTS

Ezy-Store (2017)

- A Django based online clothing store for teenagers and young adults

NLP Text Summarizer (2017)

- A Python and **Keras** library based text summarizer developed to generate headlines from an article

SafrikList (2017)

- A **Flask** based travel bucket list web app where users can create and share bucket lists of the places that they would like to visit in Africa.

StockGenie (in progress, 2017)

- A basic machine learning stock market predictor web application

OTHER RELEVANT EXPERIENCE & COMMUNITY ENGAGEMENTS

Administrative Associate | Berea College, KY

May 2015 –Dec 2016

- Carried out routine administrative duties; migrated and archived 1000+ shared server based files to a cloud based software

Movement Control Assistant | United Nations, South Sudan

Feb 2014 –Jul 2014

- Checked in passengers and coordinated travel bookings for the United Nations mission's flights

Event Associate | Entrepreneurship for the Public Good, Berea, KY

Summer 2016

- Promoted healthy and active lifestyles among children aged 6–15 by co-leading a group of 20 students that organized the first ever children's triathlon in Berea town.

AFFILIATIONS: Computer Science Club (Hackathons), IEEE, Sponsors for Educational Opportunity (SEO), Alpha Sigma Chi, African Student Association, Model African Union Group (Student Ambassador).