Jose Dieudonne Zindia

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EDUCATION

Berea College- *Cumulative GPA: 3.5*   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: Database Systems, Data Structures/Algorithm, Discrete Math, Networking, Software Engineering, Statistics

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SKILLS

Programming/Scripting Languages: Proficient: Python | HTML & CSS/JS | **Familiar:** C/C++ | Java | JavaScript | Ruby
Databases: SQLite | MySQL | NoSQL | MongoDB
Technologies: Flask | Rails | Django | Angular.js | Jinja | Bootstrap | jQuery | AJAX | Git | Jupyter | AWS | Linux | Google Cloud
Languages: English (Fluent) | South Sudanese Arabic (Native) | French (Basic)

EXPERIENCE

Student Software Developer | *Berea College, KY*   Jan 2017 – Present
- Worked in a team environment to develop and deploy 3+ live **Flask**-based web apps used by 1600+ students & 300+ faculty
- Managed faculty and staff feedback on software upgrades and iterations
- Resolved 3+ issues/bugs per week on 3 live web apps using **Git**

Teaching Assistant—Software Design | *Berea College, KY*   Aug 2017 – Present
- Assists faculty in all aspects of course management and grading; lead 5-hour weekly tutoring sessions for a class of 30 students

Software Engineering Intern | *Berea College, KY*   Summer 2017
- Developed and maintained 3 **scalable** web apps using **Flask**, **SQLite** and **jQuery** to improve the College's administrative workflow
- Developed and implemented BART; a **Rails**-based web app used for data analysis on the College's wide surveys
- Became adept in using **Agile, Lean** and collaborating in teams to develop robust solutions that elevated client-side experience

Administrative Associate | *Berea College, KY*   May 2015 –Dec 2016
- Assisted with the analysis and modeling of big data and data research for everyday projects and statistics that influenced the Dean's decision making.
- Carried out routine administrative duties; migrated and archived 1000+ shared server based files to a cloud based software

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PERSONAL PROJECTS (more projects at github.com/josezindia)

TM-Manager (2018)
- Developed a flask-based management web application used for managing employees

NLP Text Summarizer (2017)
- A Python and **Keras** library-based text summarizer developed to generate headlines and the main contents 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.

OTHER RELEVANT EXPERIENCE & COMMUNITY ENGAGEMENTS

Event Associate | *Entrepreneurship for the Public Good, Berea, KY*   Summer 2016
- Promoted 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

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

AFFILIATIONS: Computer Science Club (BCHacks), IEEE, Alpha Sigma Chi, African Student Association, Model African Union Group (Student Ambassador).