

Jonathan Chauwa

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EDUCATION

Berea College

Major: Bachelor of Arts, Computer Science.

Concentration: Management Information Systems.

Class Standing: Sophomore.

Honors/Awards: Berea Patron, Departmental Labor Award, Mountaineer Club Inductee.

Scholarships: Berea College full scholarship recipient

Relevant Coursework: Business Applications and Programming, Data Structures, Design and Analysis of Algorithms, Discrete Mathematics, Management Information Systems, Networking, Software Design and Implement, Introduction to Robotics, Trigonometry with Applications, Accounting 1, Macroeconomics

EXPERIENCE

Berea College, Computer Science Department

Summer Programmer; Student Software Developer

Berea, KY

June 2017 – Present

- Design, debug, test and update flask web applications.
- Communicate with clients regularly to update them and get their feedback on existing system being built for them.
- Collaborate with other student developers via tools such as bitbucket, cloud9 and git.

Berea College, Technology Resource Center

Media/Helpdesk Technician

Berea, KY

August 2015 – June 2017

- Provide technical assistance for campus events through audio engineering, video editing, photography, stage lighting, education technology support, and event production
- Create work orders and communicate to customers by tradition and electronic ways
- One of two freshmen employees to be given leadership roles within the Technology Resource Center

Messaging Server (Class Project)

An application that uses socket based communication to communicate data between a client and server

Berea, KY

January – May 2017

- Led a team of four in designing and implementing stateful protocols using sessions and cookies.
- Led group discussions, set up appointments with professors, and ensured work was distributed evenly among team members

Promotion Website (Project Lead)

A twelve-day promotion website for a coffee startup company called Sunniva

New York, NY

December 2016

- Discussed and gathered project goals, requirements, and scope from customer
- Designed and implemented the website's main page using HTML and CSS

LEADERSHIP & PROFESSIONAL DEVELOPMENT

SEO (Sponsors for Educational Opportunity) EDGE

Participant (Corporate)

New York, NY

April 2017 – Present

- Receive 50+ hours of individualized coaching and live instruction to achieve targeted interview, technical and professional development goals.
- Complete industry-specific training and assessments focused on developing technical skills, institutional knowledge and attention to detail.

Berea College, Student Judicial Board

Executive Member

Berea, KY

January 2017 – Present

- Sit on the board every other week to hear cases and determine appropriate actions
- Contribute to policies that encourage restorative justice
- Be a role model to students

SKILLS & INTERESTS

Computer Languages: Python, Java Script, Visual Basic (VBA), HTML, CSS, Java (Beginner), SQL

Operating Systems: Windows, Linux, Mac

Data Analysis: Can perform various data analysis techniques such as sensitivity analysis, analysis of variance, what if analysis, descriptive statistics, Monte Carlo simulation, pricing models, scheduling problems, and optimization

Other: Microsoft Applications (Advanced), WordPress Design, Understands Information Systems, Software Development Cycle, Computer Networking (socket-based communication), and Supply Chain Integration

Languages: Fluent in Nyanja, Lozi, Tonga, and Bemba

Interests: Rugby, student government, dancing, problem solving

