

Omar White

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EDUCATION

Indiana University - Bloomington, IN

Bachelor of Science in Informatics, Expected graduation May 2017

- Minor in Business
- Minor in Computer Science

Honors and Awards

- Participant in the Hudson and Holland Scholars program, a scholarship program for high achieving underrepresented minority students.

WORK EXPERIENCE

Cerner Corporation - Kansas City, KS

(May 2016 – July 2016)

Systems Intern

- Engaged in a combination of front end and backend server work, on Unix and Windows based systems.
- Daily tasks included administering updates, managing and creating accounts as well as permissions for said accounts, configuration of network printers, and general troubleshooting.
- Assisted full time systems engineers in the completion of projects for clients.

SoIC Serve IT Clinic - Bloomington, IN

(August 2016 – December 2016)

Team Lead Dev & Maintenance

- This team works on several projects throughout the semester to provide continued service to past clients, finish up lingering projects from previous semesters, and provide additional development man power for other teams in the clinic.
- As a team lead I manage communications with clients, schedule and organize all team meetings, delegate tasks, as well as work on software development for the projects.
- Development done in several different languages and technologies including, PHP, Python, Django, and WordPress.

(January 2016 – May 2016)

Software Development Intern

- Collaborated with teammates to develop an operational database, and clock in/out system for the non-profit My Sister's Closet.
- Developed the application utilizing Python, Django, MySQL, and HTML/CSS.
- Regularly met with clients to gather requirements, analyze their operations and discuss progress on the application.

University of Alabama, - Tuscaloosa, AL

(May 2015 – July 2015)

Undergraduate Research Assistant

- Collaborated with colleagues at the University of Alabama in an effort to develop low cost environmental sensors using Arduino.
- Tested a variety of sensors with the Arduino in an attempt to determine the viability of the Arduino as a sensor node.
- Assisted with the planning for a prototype sensor node to be deployed for data collection in the Sipsey river.
- Developed code for the Arduino to allow the storage of sensor data.
- Investigated the usage of Arduino sleep modes and software interrupts in an effort to conserve battery power.

TECHNICAL SKILLS

Languages: C, Swift, Python, Ruby, JavaScript

Platforms: UNIX, Linux, Microsoft Windows, OSX

Database: MySQL, Microsoft Access

Web Development: HTML, CSS, Bootstrap, Django, Rails, WordPress, Jekyll

Leadership Experiences

Eigenmann Student Government (August 2015 – May 2016): Served as an advisor to student government. Guided the group to pass bills, plan programs, and make decisions that benefited the residence hall as whole.

School of Informatics and Computing Pacesetter (August 2014 – Present): A group that works to improve the community of the school by focusing on inclusive recruitment efforts, throwing social events for students, and planning informational programs for students.

Community Outreach Council (August 2014 – May 2015): Advisor to executive board. Worked with the non-profit SCCAP to help lower income families improve their situation through a combination of support and self-empowerment.