

YVAN GIHOZA

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EDUCATION

Bachelor of Science in Computer Engineering
University of Arkansas – Fayetteville | *Expected: December 2019*
GPA: 3.561/4.0

ENGINEERING EXPERIENCE

Related Coursework

- Database Management, Circuits and Electronics, Programming Foundations, Programming Paradigms, Operating Systems, Digital Design, Computer Organization, System Synthesis & Modeling, Embedded Systems, Software Engineering, Computer Architecture, Computer Graphics, Wearable & Ubiquitous Computing.

Programming Projects

- Created a school parking management app using google maps, android SDK and XML.
- Created an AI-powered Super Mario Brothers computer game in Java using the Decision tree algorithm.
- Created simulated calculator that involves different programming scientific functions.
- Created a simulated Central Processing Unit.
- Created a simulated a microprocessor in Verilog.

Technical Engineering Skills

Databases: MS SQL Server, Linux Server.

Operating Systems: Windows, Mac OS X, Linux.

Programming Language & Tools: Java, JavaScript, Python, C++, C, Verilog, VHDL.

Methodologies: Waterfall, Agile-Scrum.

WORK EXPERIENCE

Lab Tech, University of Arkansas Information Technology Services May 2017 – current
The Student Technology Center is responsible for providing students technology equipment such as microphones, computers, cameras, games etc.

- Provide customer service to all patrons by scheduling equipment, answering phone calls, and maintaining daily up-keep of the Center.
- Troubleshoot and solve software and hardware issues from all technology equipment offered through the campus IT center.
- Responsible for maintaining up-to-date information regarding troubleshooting and latest trends on software systems.

LEADERSHIP EXPERIENCE

Member, Music Entertainment Committee January 2018 – current

- Schedule and coordinate various programs and concerts at the University of Arkansas.
- Producing marketing materials for upcoming events and disperse through campus community.
- Assess requests of student body and generate timeline of concert by maintaining constant communication with performers and university staff.
- Provide awareness of overall program and committee budget.

Member, National Society of Black Engineers (NSBE) January 2018 – current

- Attend regular meetings to help promote, recruit and retain black students in the field of engineering.
- Maintain required GPA to stay as active member.

AWARDS & RECOGNITIONS

- Rwandan Award (2016 – *present*) | University of Arkansas.
- The Society for Collegiate Leadership & Achievement (2018) | University of Arkansas.

SKILLS

- Trilingual in English, French and Kinyarwanda (dialect of the Rwanda-Rundi language).