

# Imani Sherman

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## EDUCATION

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<b>University of Florida</b> <i>Doctorate in Human Centered Computing</i>	Gainesville, FL Expected Graduation: 2020
<b>Kentucky State University</b> <i>Master of Computer Science Technology, GPA 4.0/ 4.0</i>	Frankfort, KY 2015
<b>University of Dayton</b> <i>Bachelor of Electrical Engineering, GPA 3.0/4.0</i>	Dayton, OH 2013

## EXPERIENCE

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<b>Kentucky State University</b> <i>Graduate Research Assistant</i>	Frankfort, KY August 2014-December 2015
<ul style="list-style-type: none"><li>Assisted in the continued development of a bee management device that utilizes message authentication and transmission control protocol packets.</li><li>Developed a thesis that discussed the overall effect of technology and policy progression on the rate of human population increase, and certain policy characteristics that could be used to increase bee population.</li><li>Provided tutoring services in math and undergraduate computer science courses in the Academic Center for Excellence</li></ul>	
<b>Riverside Research</b> <i>Open Systems Interconnection (OSI) Defense Solutions Research Intern</i>	Dayton, OH June 2015-August 2015
<ul style="list-style-type: none"><li>Conducted literature search related to wireless sensor network defense solutions</li><li>Developed a report surveying the quantitative assessment of OSI defense solutions</li><li>Simulated a mobile ad hoc network using NS-3 and Omnet++</li></ul>	
<b>Riverside Research</b> <i>Machine Learning Intern</i>	Dayton, OH May 2014 –August 2014
<ul style="list-style-type: none"><li>Provided tutoring services in math and undergraduate computer science courses in the Academic Center for Excellence</li><li>Conducted literature searches on state of the art Machine Learning research and commercial products</li><li>Developed a report that reviewed machine learning and discussed the future of the field</li><li>Completed an independent study of Stanford's Machine Learning course to help with literature search</li></ul>	
<b>Southwestern Ohio Council for Higher Education</b> <i>Air Force Institute of Technology Research Intern</i>	Dayton, OH August 2013-June 2014
<ul style="list-style-type: none"><li>Provided computational support using Matlab and Excel for glass composition exploration</li><li>Collected and organized glass composition information for future use</li><li>Organized raw data from research study for future use</li></ul>	
<b>University of Dayton Research Institute</b> <i>Minority Analyst Program Associate Analyst</i>	Dayton, OH December 2012-August 2013
<ul style="list-style-type: none"><li>Assisted in the development of a technical paper entitled: Nanowire Batteries for IR Cameras</li><li>Researched and developed a technical paper entitled Open Source Information: A Haven for Crime, Weapons and Terrorism Using the Internet.</li><li>Participated in educational Advanced Technical Intelligence Center workshops in Signals Intelligence, Imagery Intelligence, Human Intelligence, Open Source Intelligence, Measurement and Signature Intelligence.</li></ul>	

## STRENGTHS AND ABILITIES

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**Programming Languages:** C++, MATLAB, Java, LaTeX

**Software:** TexWorks, Arduino, Microsoft Office, Omnet++, NS-3, Linux

**Professional:** Problem Analysis, Analytical Thinking and Planning, Communication, Organization, Group Management

## PROFESSIONAL MEMBERSHIP

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Institute of Electrical and Electronics Engineers • National Society of Black Engineers