

Kirubel Tadesse

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EDUCATION

Jackson State University, Jackson, Mississippi, USA

- Bachelor of Science (B.S.) in Computer Engineering Aug 2013 – May 2017
 - *Relevant Course:* Computer Architecture, Data Structures and Algorithms, Differential Equations, Engineering Analysis, Embedded Microprocessor, Operating Systems, Signal and Systems.
 - Professor Gordon Skelton Research areas: Climate change, Robotic, Android Development.
 - Cumulative GPA: 3.9 / 4.0

RESEARCH EXPERIENCE

NASA Swarmathon, University of New Mexico

- Distributed Research Experiences for Undergraduates (DREU) Jun 2016 – Jul 2016
 - Project: Developed an Algorithms for gripper of swarmie
 - Supervisors: Dr. Melanie Moses, Joshua P. Hecker, G. Matthew Fricke, J. Jake Nichol
 - Research areas: ROS (Robot Operating System), Search Algorithms, Arduino.

Android Application Development, Jackson State University

- Department of computer science Jun 2016 – Aug 2016
 - Project: Useful Android App Development
 - Supervisors: Dr. Jacqueline Jackson
 - Research areas: Java programming
- Department of computer engineering Jun 2016 – Jul 2016
 - Project: Developing an Android App to Control a Robot Via the RN-42 Bluetooth Module
 - Supervisors: Dr. Ali Abu-EI Humos
 - Research areas: programming

PUBLICATIONS

CONFERENCES

- [1] Kirubel Tadesse, Melanie Moses, Joshua Peter Hecker, and George Matthew Fricke, “April Tag Detection: Calculating Distance Use ROS Transform Package,” in *2016 IEEE/RSJ International Conference on Intelligent Robots and Systems*, Daejeon, South Korea, Oct 2016.

ACADEMIC AWARDS

- Dean’s List, Fall 2015 through Spring 2016, Science College 2015 – 2016
 - For attaining a semester GPA of at least 3.91.
- Presidential List, Fall 2013 through Spring 2015, Science College 2013 – 2015
 - For attaining a semester GPA of at least 4.00
- Undergraduate Researcher Award, Science College Apr 2016
 - On Developing an Android App to Control a Robot Via the RN-42 Bluetooth Module
- Academic Scholarship, Global Science, Technology, Engineering, and Mathematics Foundation May 2013
 - Engineering department Scholarship based on Mathematics Score on ACT

PROFESSIONAL AFFILIATIONS & ACTIVITIES

Institute of Electrical and Electronics Engineers, Mississippi, USA

- Member 2013 – Present

National Society of Black Engineers, Mississippi, USA

- Member 2012 – Present

CAMPUS ACTIVITIES	<p>CodeZone, Jackson State University</p> <ul style="list-style-type: none"> President <ul style="list-style-type: none"> Work on real world project involving computer programming Prepare weakly Tech awareness articles and decision panels Collect and share useful study material's in the field on programming <p>Richard Wright Center, Jackson State University</p> <ul style="list-style-type: none"> Peer Tutor <ul style="list-style-type: none"> Went through a 20-hour training course learning how to properly help give feedback Learned skills on improving sentence structure and communicating with an audience Helped students with context, content, and organization of their papers 	Aug 2014 – Aug 2015
OTHER WORK EXPERIENCE	<p>P3strategies, Jackson, Mississippi, USA</p> <ul style="list-style-type: none"> Intern, Date Analytics & Visualization <ul style="list-style-type: none"> Clean and export Excel data Analyze and Visualize data using Tableau Create p3strategies logo and managed the website <p>Residence Life, Jackson, Mississippi, USA</p> <ul style="list-style-type: none"> Community Assistant (CA), programming events & customer service <ul style="list-style-type: none"> Helped student check-in Worked front Desk in Dixon Hall Inspect the overall conduction of the residence hall <p>Not In My Country, Washington DC, USA</p> <ul style="list-style-type: none"> Intern, Web & Mobile Application Assistance <ul style="list-style-type: none"> Developed anticorruptioncourt.org Tech Support on the web site Designed flyers, brochure, and Logo for IACC 	Jun 2015 – Present
LANGUAGES	<ul style="list-style-type: none"> Afaan Oromo: Intermediate (reading); basic (speaking, writing). Amharic: Native language English: Fluent (speaking, reading, writing). Spanish: Novice (speaking, reading, writing). 	Aug 2015 – Present
SKILLS	Adobe Illustrate, C++, CSS, HTML, Git, L ^A T _E X, Mathematica, Microsoft Office, ROS, Tableau, Ubuntu, Vim, Windows.	
INTERESTS	Politics, Piano, Computer programming, Reading Facts, Soccer, Swimming.	
REFERENCES	Provided upon request!	