

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

NASA Swarmathon, University of New Mexico

EXPERIENCE

- 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

Boe-Bot Robot, Jackson State University

- 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, May 2013
Global Science, Technology, Engineering, and Mathematics Foundation
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	CodeZone , Jackson State University <ul style="list-style-type: none"> ▪ President • 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 Richard Wright Center , Jackson State University <ul style="list-style-type: none"> ▪ Peer Tutor • 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 Jan 2014 – Present
OTHER WORK EXPERIENCE	P3strategies , Jackson, Mississippi, USA <ul style="list-style-type: none"> ▪ Intern, Date Analytics & Visualization • Clean and export Excel data • Analyze and Visualize data using Tableau • Create p3strategies logo and managed the website Residence Life , Jackson, Mississippi, USA <ul style="list-style-type: none"> ▪ Community Assistant (CA), programming events & customer service • Helped student check-in • Worked front Desk in Dixon Hall • Inspect the overall conduction of the residence hall Not In My Country , Washington DC, USA <ul style="list-style-type: none"> ▪ Intern, Web & Mobile Application Assistance • Developed anticorruptioncourt.org • Tech Support on the web site • Designed flyers, brochure, and Logo for IACC 	Jun 2015 – Present Aug 2015 – Present Aug 2014 – 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). 	
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!	