

JORDAN DENT

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CURRENT ADDRESS: 915 S JACKSON ST, MONTGOMERY AL 36104

SKILLS

Python • HTML5 • CSS • Git • Data structures • JavaScript • Microsoft Office • Windows

LINKS

<https://github.com/JETBLACKJD>

<https://www.linkedin.com/in/jordandent/>

RELEVANT COURSEWORK

- Software Engineering 1
- Data Structure and Algorithm Analysis
- Programming Concepts
- Object Oriented Programming
- Architecture of Digital Computers

ACHIEVEMENTS

- 2017 & 2018 UNCF HBCU Innovation Summit Fellow
- 3rd place in Bayou BizTech Challenge 2017
- Dean's List 2015 - Present
- LSAMP Scholar 2017 - Present
- Alabama State University Academic Scholarship recipient

EDUCATION

B.S. IN COMPUTER SCIENCE • EXPECTED MAY 2019 • ALABAMA STATE UNIVERSITY

GPA: 3.84

WORK EXPERIENCE

ROSES FELLOW • PACIFIC NORTHWEST NATIONAL LABORATORY • JUNE 2018 - AUGUST 2018

- Developed a command line-based menu using python, with the purpose of establishing communication between a gamma-ray detector and a Raspberry-Pi.
- Debugged and compiled source code of a gamma-ray detector application to view N42 files.
- Tested accuracy of the gamma-ray detector with sealed radioactive sources.
- The files collected will form a data set that will aid in the development of a deep learning algorithm for isotope identification.
- Documented project/environment in Confluence.
- Presented research findings at PNNL's Research Symposium.

LEADERSHIP

PRESIDENT • ASU ROBOTICS CLUB • SEPTEMBER 2018 - PRESENT

- Created information displays using several Raspberry Pi and computer monitors, so that the students would have an increased exposure to university news.
- Refurbished old casino arcades to create retro arcade systems using two modified Raspberry Pi.
- Worked with a team of students to create a human-powered rover and competed in the NASA Human Exploration Rover Challenge
- Tasked with creating a telemetry system for the NASA Human Exploration Rover Challenge.

VOLUNTEER • ALABAMA STATE UNIVERSITY • NOVEMBER 2016 - PRESENT

- Frequent Volunteer at Saturday STEM Academy, where students help to educate children K-12 through STEM related projects.

PHYSICS TUTOR • ALABAMA STATE UNIVERSITY • JANUARY 2018 - PRESENT

- Evaluated and communicated optimal problem-solving techniques daily for 100+ students to increase their comprehension of physical science concepts and improve academic performance in the classroom.