

JOSHUA D. WILLIAMS

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PROFILE

- Strong mathematical and computational background
- Confident public speaker and accomplished writer
- Hard worker with careful attention to detail
- Honest character with moral integrity

EDUCATION

University of Tennessee at Martin; Martin, TN
Bachelor of Science in Engineering; August 2018

- Concentration: Electrical
- GPA: 3.69/4.0

TECHNICAL SKILLS

MATLAB
C++ programming
Python 3 programming
Arduino IDE programming
GPS Pathfinder Office

AutoCAD
Microsoft Word
Microsoft Excel
ArcGIS

EXPERIENCE

Jackson Energy Authority; Jackson, TN: May 2018 - August 2019

Electrical Co-op

- Assisted the system and project engineers by providing AutoCAD drawings, gathering GPS points, staking land, and other various tasks.
- Design work included electrical system removal and installment drawings for subdivisions, commercial and industrial businesses, and city customers.

PROJECTS

Digital Logic Course

- Designed a BCD to 7-segment decoder and 2-Bit, 4-Bit, and 6-Bit Multipliers, as well as a 2-Bit Full Adder in Labview.

Microprocessors & Computer Organization Course

- Assembled and programmed an LED configuration in the design of a propeller LED Display.

Contests

- Competed in the Regional 2017 ACM International Collegiate Programming Contest.

Senior Design Project

- Worked with a team to design and build an autonomous robot to perform various tasks.

HONORS / AWARDS

Society of Collegiate Leadership and Achievement: Fall 2016 – Present

National Society of Leadership and Success: Spring 2015 – Present

Phi Eta Sigma National Honor Society: Spring 2014 – August 2018

Chancellor's Honor Roll: Fall 2013 – August 2018

Tennessee Scholar: Fall 2013 – August 2018

Deans Scholarship: Fall 2013 – Spring 2017

