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## EDUCATION

### Heritage High School

GPA: **4.01**

*Top 5% of Class*

Conyers, GA  
Expected Graduation – May 2017

### Rockdale College and Career Academy

*Electronics, Computer Science, Cisco Networking, Robotics*

Conyers, GA  
2014-2017

## TECHNICAL SKILLS

**Industry Certifications:** *CompTIA A+; Microsoft MTA: Networking Fundamentals; Microsoft MTA: Software Development Fundamentals* \*\*\* **currently studying for Cisco CCENT and Linux LPIC-1** \*\*\*

- *Can troubleshoot computer hardware problems and implement network hardware designs*
- *Can troubleshoot computer software problems and implement logical network designs*

**Programming Languages:** Java, C#, Arduino C, JavaScript, HTML and CSS

**Operating Systems:** Microsoft Windows and Linux; Windows Server 2012/16; Ubuntu Server

**Electronics:** Experience building and designing AC/DC circuits and digital electronics; troubleshooting electronics using electrical engineering equipment; soldering experience

## PROFESSIONAL WORK EXPERIENCE

### Robotics Research Apprenticeship at the Georgia Institute of Technology

Summer 2016

- *Worked with a team of Ph.D. and graduate students over the summer in the development the AutoRally platform, a high-speed, off-road autonomous robot.*
- *Work included assisting in development of Odometry and steering software control, robot hardware and electronics maintenance, test-site data collection, and writing project Operating Procedures documentation.*

### Networking Specialist Apprenticeship

Fall 2016 - present

- Rockdale Career Academy – Work Based Learning

### Self-employed computer and cellphone maintenance and repair

2014-present

## PROJECTS

- Researched, designed and built drones as part of \$5000 robotics grant 2015 - present
- Designed and built Linux computer cluster for research of parallel programming applications 2015 - present
- Implementing automated control systems using Arduino micro-controllers to optimize plant growth in greenhouse environment 2016 - present
- Designing and building an Arduino-based solar-panel charge controller as part of RCA pathway showcase 2016 - present

## EXTRA-CURRICULAR ACTIVITIES

### Rockdale Career Academy Ambassador

2015 - present

- *Student leadership program involved in school and community events*

### Model Arab League

2015 - present

- *Debate and pass diplomatic mock resolutions relating to issues concerning the Middle-East*

### Heritage High School Varsity Tennis

2014 - present

### Beta Club

2014 - present

- *Community service club*

### National Honor Society

2015 - present

- *Community Service club*

### SkillsUSA

2015 - present

### Technology Student Association

2014- 2015

- *Competed in Electronics competition at State Conference*

## **AWARDS AND RECOGNITIONS**

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- State Finalist for Electrical Applications at GA Technology Student Association State Conference **2015**
- 1<sup>ST</sup> Place – Robotics at Georgia State Tech Fair **2016**
- 2<sup>nd</sup> Place – Device Modification at East-Atlanta Regional Technology Fair **2016**
- 2<sup>nd</sup> Place – Technology Literacy Challenge at East Atlanta Regional Technology Fair **2015 and 2016**
- Outstanding Delegation – Model Arab League Regional Conference at Marist High School **2016**
- Wofford Scholars Program Award **2016**
- Furman Scholars Award **2016**
- Presbyterian's Fellows Award **2016**
- Principal's List **2016**
- Rockdale Career Academy Honor Scholar **2015 and 2016**
- Rockdale Career Academy Student of the Month **February 2016**
- Electronics I Student Recognition Award **2015**
- Level II Networking Student Recognition Award **2016**