

Luis M. Pimentel
678-768-2626
pimentel1luis13@gmail.com
www.linkedin.com/in/pimentel1luis13
<https://github.com/luisp23>

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

- State Finalist for Electrical Applications at GA Technology Student Association State Conference **2015**
- 1ST Place – Robotics at Georgia State Tech Fair **2016**
- 2nd Place – Device Modification at East-Atlanta Regional Technology Fair **2016**
- 2nd 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**