Toluwaleke (Leke) Ayannusi

US Citizen
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OBJECTIVE: Seeking a summer 2017 internship in electrical engineering.

EDUCATION: Bachelor of Science in Electrical Engineering
University of Houston, Houston, Texas
GPA 2.875/4.0   **May 2018**

EXPERIENCE:

Electrical Engineering Intern   **Lumen Motors, Houston, TX**   **June 2016 – August 2016**
- Identified a shortage of cabin space and optimized the cabin space to better fit 4 passengers
- Researched components and functions to wire an electric car, integrating with other vehicular systems
- Collaborated with design team of five to create scaled 3-D modeled car designs

Resident Advisor   **University of Houston Housing, Houston, TX**   **August 2014 – January 2016**
- Built a relationship with residents and a community among residents
- Facilitated activities, discussions, and mediations to promote academic progress
- Managed administrative documents regarding residents accommodations
- Ensured residents awareness of safety and security in residence halls

Referee   **University of Houston Campus Recreation, Houston, TX**   **January 2014 – January 2015**
- Communicated effectively with athletes, spectators, supervisors and other referees
- Resolved and mediated conflicts on and off the field
- Updated and implemented rules and regulations to maintain a fair game among the athletes

DESIGN AND TECHNICAL PROJECTS:

Raspberry Echo   **Independent**   **June 2016-Present**
- Interfacing Raspberry pi with open source code and node-js to access Amazon's Alexa Voice Services

Quadcopter-Drone   **Independent**   **June 2015**
- Implemented online research to construct and wire a quadcopter drone from scratch

4 Bit Calculator, University of Houston, Houston, TX   **December 2014**
- Created a four bit calculator with a partner using basic digital logic gates
- Analyzed circuit schematic to improve efficiency

Arduino Zumo Robot, University of Houston, Houston, TX   **December 2014**
- Programmed an Arduino based robot to traverse and solve a maze using MATLAB
- Designed algorithm to receive line sensor inputs and adjust to solve maze

LEADERSHIP:

Mentor/Mentee   **Ignite Leadership Program, University of Houston**   **January 2014 – May 2015**
- Mentored and guided a group of six first year college students for a whole semester
- Served within the local Houston community beautifying neighborhoods around campus
- Integrated leadership skills with action to obtain a position as a Resident Advisor

RELEVANT COURSES:
- Signals and Systems ● Electronics ● Digital Logical Design   ● Applied Electromagnetic Waves ● Microprocessor Systems

TECHNICAL SKILLS:
- **Language**: C programing, MATLAB, Python
- **Tools**: Handle Voltage Source and Current Source, Microsoft Office, Autodesk Inventor
- **Operating system**: Linux, windows, IOS

MEMBERSHIPS:
- Institute of Electrical and Electronic Engineers- IEEE   **August 2015 - Present**
- National Society of Black Engineers-NSBE   **August 2015 - Present**