


# OYARE VICTOR OKO

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## EDUCATION

### Morgan State University

Baltimore, MD | May 2020

Honors Bachelor of Science in Electrical and Computer Engineering; **3.7 GPA**

Transferred from **North Carolina A&T State University** with **4.0 GPA**

#### Relevant Coursework:

Electronic Materials & Devices, Electronic Circuits, Signals & Systems, Engineering Problem Solving, Digital Logic, C++, Java

## SKILLS & INTERESTS

- Product Development
- Internet of things (IoT)
- Embedded Systems
- Java / C++
- Project Management
- UI/UX Graphic Design

## WORK EXPERIENCE

### AllianceBernstein

Nashville, TN | June – August 2019

#### Infrastructure Engineering Intern

- Implemented & configured LAN on two new floors providing connectivity for 526 employees.
- Performed testing and checkouts to ensure operation and resiliency.
- Drew Nashville infrastructure network diagram for the new floor which aided planning, controlling & organizing.

### Stanley Black & Decker

Towson, MD | June – August 2018

#### Electrical Engineering Intern

- Designed and built a wireless inductive charging device prototype, allowing company to take advantage of a growing market.
- Lead team to design & build a remote-control flashlight; finished working prototype 3 weeks before the deadline. Placed 3<sup>rd</sup>.

## PROJECTS

### Electrical & Computer Engineering Projects

Baltimore, MD | May 2020

- Designed a robot to move toward a light source. Utilized logic gates, MOSFETs and op-amp.
- Built a circuit that detected two claps to turn on an LED. Utilized op-amp, timer, flip-flop, relay & transistor.
- Built a Line follower robot in Java.

### Data Engineering and Predictive Analytics (D.E.P.A) Lab

Baltimore, MD | May 2020

- Built a vest prototype using transducers, to cure a lung disease.
- Designed a system to locate a beacon placed in employee gloves to determine location in building using Bluetooth & Wi-Fi
- Developed a unique classifier to visually recognize a skin disease using IBM Watson Visual Recognition in python.

### NBA & TMCF Innovate the Future Competition 1<sup>st</sup> Place Winner

Baltimore, MD | April 2020

- Designed an AI-powered app that makes it easy for NBA fans to interact with one another.
- Performed brainstorming, conducted research, designed logo, created wireframes and high-fidelity UI walkthrough.

### TMCF OFC Innovation & Entrepreneurship Hackathon 2<sup>nd</sup> Place Winner

Durham, NC | May 2018

- Collaborated as a team; designed & helped program an iOS app in swift and pitched a business idea all within three days.
- Designed the company Logo as the UI/UX designer & took the initiative to schedule meetings and maximize time.

## HONORS & AWARDS

- 2019 NSBE Leadership Award
- 2019 Enterprise Design Thinking Practitioner
- 2019 Martin D. Jenkins Scholarship
- 2019 Dean's List
- 2018 US Navy Six Sigma White Belt Certification
- 2018 Grow with Google Schlp.: Front-End Web Dev
- 2018 Golden Key International Honor Society
- 2018 Parren J. Mitchell Honors Transfer Scholarship

## ACTIVITIES

- 2020 NBA + TMCF Innovate the Future, **1<sup>st</sup> Place**
- 2020 AMIE Design Thinking Challenge, **Participant**
- 2019 Unum HBCU Innovation Challenge, **Top 4**
- 2019 BE Smart Dell Innovation Challenge, **3rd Place**
- 2019 Black Enterprise Smart Hackathon, **5th Place**
- 2019 TMCF Moguls in the Making, **3rd Place**
- 2019 National Society of Black Engineers (NSBE), **Senator**
- 2019 University Innovation Fellows, **Fellow**
- 2019 Morgan State IEEE, **Communication Chair**
- 2018 SBD Intern Innovation Challenge, **3rd Place**