

# OYARE VICTOR OKO

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victoroko.github.io/my-resume/ 

## 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      | ▪ Embedded Systems | ▪ Project Management   |
| ▪ Internet of things (IoT) | ▪ Java / C++       | ▪ 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 2018 – May 2019

- 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 2018

- 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.

### 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.

### Center for Reverse Engineering and Assured Microelectronics (C.R.E.A.M.) Lab

Baltimore, MD | June 2017

- Assisted PhD. student to identify flaws in Z-wave and other IoT Devices increasing project efficiency.

## HONORS & AWARDS

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

## ACTIVITIES

- |   |   |
|---|---|
| ▪ 2020 AMIE Design Thinking Challenge, <i>Participant</i>   | ▪ 2019 National Society of Black Engineers (NSBE), <i>Senator</i> |
| ▪ 2019 Unum HBCU Innovation Challenge, <i>Top 4</i>         | ▪ 2019 University Innovation Fellows, <i>Fellow</i>               |
| ▪ 2019 BE Smart Dell Innovation Challenge, <i>3rd Place</i> | ▪ 2019 Morgan State IEEE, <i>Communication Chair</i>              |
| ▪ 2019 Black Enterprise Smart Hackathon, <i>5th Place</i>   | ▪ 2018 SBD Intern Innovation Challenge, <i>3rd Place</i>          |
| ▪ 2019 TMCF Moguls in the Making, <i>3rd Place</i>          | ▪ 2018 TMCF Vivian Burey Marshall Academy, <i>Mentor</i>          |