ZAINAB AGBOOLA

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EDUCATION

NEW YORK INSTITUTE OF TECHNOLOGY, New York, NY   **May 2020**
  ➢ ***Bachelor of Science, in Electrical and Computer Engineering***   *Minor: Graphic Design*   **GPA 3.14/4.0**

<u>Relevant Coursework</u>: Java Programming I & II, Matrix Laboratory, Digital Logic, Calculus I, II, & III, General Physics I & II, Electrical Circuits and Engineering Tools I & II, Differential Equations, & Intro to Electronics Circuits

<u>Awards</u>: *President's Scholarship*

<u>Activities</u>: INROADS Internship Candidate, Student Government Association Vice President, NSBE Regional Programs Chair

WORK EXPERIENCE

General Electric- Aviation, Cincinnati, OH   **May 2018- Aug 2018**
Infra Engineering Intern
- Carried a new Turbine Cooling Prediction tool through the Toll Gate 0 process for escalation to Toll Gate 3 and beyond
- Facilitated the storage of standardized Film Cooling Data in a centralized database after approval by Control Title Holders
- Analyzed optimization loops on an Integrated Analysis & Design tool environment to improve automated data matching

New York Institute of Technology, New York, NY   **Sep 2017- May 2018**
IT Assistant/Student Aid
- Performed daily maintenance checks of all technological equipment on campus
- Managed the Distance Learning classrooms and connected them to their counterparts on the other campuses
- Re-calibrated machinery that displayed functioning errors

YMCA, New York, NY   **Jan 2017- June 2017**
Intern/Student Volunteer
- Facilitated the transfer of data from the older YMCA mobile app to the new mobile app utilizing a Daxko update
- Organized and archived data relating to the previous decade to ease data examination and inspection
- Tracked refund request and receipt data using Microsoft Excel

Let's Get Ready, New York, NY   **Oct 2016- Aug 2017**
Transition Coach
- Coached 100+ lower-income high-school seniors in the tristate area throughout the college application process
- Tracked student data through Excel to determine appropriate timelines for outreach to students
- Managed a Signal Vine account, using intelligent enterprise text messaging to further appropriate and disseminate information to my caseload

SKILLS & INTERESTS

<u>*Computer & Technical*</u>: **Java, Python, C++,** Matrix Laboratory, Multisim, Autodesk Inventor, Creative Cloud Applications, Microsoft Office, MAC Proficiency, PC Proficiency
<u>*Languages:*</u> English, Arabic, Spanish, Yoruba
<u>*Additional Interests:*</u> Entrepreneurism, Software Engineering, Investing, Cryptocurrencies

LEADERSHIP & SERVICE

Student Government Association NYIT, New York, NY   **May 2018- Present**
Vice President
- Preside over the Judicial and Compliance Committee, and reoccurring senate meetings
- Amend the SGA bylaws and Constitution, and initiate all new Clubs into the SGA
- Enforce compliance from clubs and organizations on campus with school regulations and constitution

National Society of Black Engineers, Region 1 (East Coast and West Africa)   **May 2018- Present**
Programs Chairperson Region 1
- Function as the Programs Zone leader and direct the objectives and goals of Regional programming for the year
- Use community programs to facilitate membership retention and increase awareness of the Society in the community
- Provide zone members with the resources needed to complete their work efficiently

Society of Women Engineers, New York, NY   **May 2017- May 2018**
Secretary
- Communicated information from the executive board to the membership on a regular basis
- Maintained a calendar of Events to facilitate the easy transfer of event information from the board to the membership
- Drafted contract agreements for collaborations between clubs for large scale projects, and for conference attendance for members