

Kofi Meighan

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EDUCATION

Columbia University, School of Engineering & Applied Science, New York, NY *Expected May 2023*

- Bachelors of Science in Computer Science
- Relevant Fall Semester Coursework: Intro to Python, Physics 1601, Chemistry 1401
- Relevant Spring Semester Coursework: Intro to Java, Physics 1602

Pine Crest School, Fort Lauderdale, FL *May 2019*

- GPA: 4.47/4.00
 - Honors: National Beta Club, Honor Roll, AP Scholar with Distinction
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WORK EXPERIENCE

Sunflower Creative Arts, Delray Beach, FL *June 2018 - August 2019*

Counselor

- Guided preschoolers age 3-6 in a summer camp on different activities in order to create art and learn about the world through meaningful and insightful play methods
- Strengthened collaboration skills between children to mature emotional intelligence

Living Devices & Biosensors Lab, Florida Atlantic University, Boca Raton, FL *May 2017 - April 2019*

Intern

- Conducted research under a Graduate Research Assistant to engineer a portable impedance reading device
 - Designed unique experimental methods to measure phase and magnitude values within a microfluidic chip and collected data throughout experiments
 - Analyzed Mass data under a Graduate Research Assistant within MATLAB to find a correlation between Sickled Red Blood Cells and Red Blood Cells using the phase and magnitude values of the impedance
 - Examined the results found in order to create a correlation between Sickle Cell Pain crises and impedance values through an accessible handheld device
 - Presented findings at symposiums around the state of Florida
 - Honors: 1st place in Engineering at the Broward County Regional Science and Engineering Fair (2019), Speaker at the 56th Junior Science, Engineering, and Humanities Symposium held at the University of Florida (2019, 1 of 23 students selected to present throughout Florida)
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LEADERSHIP & EXTRACURRICULARS

National Society of Black Engineers, Freshman Liaison *October 2019 - Present*

Read Ahead, Elementary School Mentor *October 2019 - Present*

- Year long Mentoring program aimed to create meaningful relationships with elementary school children in order to develop emotional and academic skills needed to succeed in the future

Bacchanal, Press Team *September 2019 - Present*

- Columbia University's largest music event organization
- Compose creative posts on the official instagram account based on music news

Sigma Phi Epsilon Fraternity, Member *September 2019 - Present*

Math Club, President *August 2018 - May 2019*

- Organized club meetings to foster a space that a love for math could be nourished and encouraged
 - Administered state and nationwide monthly tests to allow students within the club to qualify for competitions and scholarships
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SKILLS

Language: Limited Working Spanish