

Kolade Adegbaye

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EDUCATION

Boston University

Bachelor of Arts in Computer Science

Programming Coursework: Data Structures, Algorithms, Combinatoric structures, Linear Algebra

Exp. 2023

Boston, MA

RELATIVE EXPERIENCE

Kolachalama Laboratory at the Boston University School of Medicine

Machine Learning and data analytics Intern

May 2020 - Present

Boston, MA

- Assist in developing a deep learning framework that uses machine learning and computer vision to diagnose Alzheimer's disease, Parkinson's Disease Dementia, Vascular dementia, Lewy Body Dementia and other Dementia
- Contribute to creating a multitask system using python that analyzes Brain MRI through image processing, table processing and modelling to determine the most dominant brain disease.
- Modified several python programs enabling faster efficiency in daily project tasks such as image processing

ID Tech

Camp instructor

June 2020 - Present

Remote

- Teach students between the age of 7-16 in programming courses such as Python and Machine learning, Java, and programming in Roblox
- Model and modify lesson plans for each course depending on student's learning level and course level

Boston University Computer Science Ambassadors

Promotional Officer

January 2020 - Present

Boston, MA

- Manage a four-person committee of ambassadors in all club promotional activities and content including creating the club website, creating promotional graphics, as well as organizing and leading educational workshops
- Mentor a freshman and assist in navigating through their first year in college

National Honor Society

Vice-President

September 2017 – August 2019

Philadelphia, PA

- Participated in an organization dedicated to recognizing and encouraging outstanding high school students in grades 10-12
- Volunteered time to help tutor students that needed help in Mathematics, Biology and Geometry
- Engaged at least 3 hours per week each semester (2017-2019)

EXTRACURRICULARS

Philadelphia Futures

Student Ambassador

September 2017 – Present

Philadelphia, PA

- Participated in a two-year program that allowed collaboration among male students called Young men's initiative. Meetings included discussing topics like financial literacy, academic, and career paths. Delivered talks on crucial topics of success in high school to lower classmen.
- Directly generated the company approximately \$3000 during Get-In-the-Game fund raising event.
- Conveyed information regarding college applications to prospective students alongside BU admissions at local high schools in Philadelphia

Boston University Pep Band

Drum Section

January 2020 – Present

Boston, MA

- Performing at all sporting events for Boston University athletic teams at least 40 times per semester for 1000 to 2000 people
- Mentor new drum section members in learning all the tunes and prepping for performances throughout the semester

Musician

Independent Drummer

2012 - Present

- Collaborate with multiple artists to perform on short notice including performing for popular Nigerian Gospel Singer Mercy Chinwo in Philadelphia 2019, with a crowd of 5000
- Perform for different churches, concerts and events in states like Boston, Philadelphia, New jersey and Maryland.

SKILLS

Programming Languages: Java, HTML, CSS, Python, LUA

Software: 3D Slicer, Adobe Spark, WordPress, Roblox studio

Projects: Text Identifier, Personal website, Independent research applied in the Philadelphia school district