

Oluwagbemiga Odebode

High School Student

An academically exemplary student with a passion for computational biology and the medical sciences.

Determined to pursue higher education and a successful career in STEM. Dedicated to becoming the face of research and expanding humanity's understanding of the natural world.

CONTACT

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Grade-Point-Average (GPA)

Weighted & Unweighted GPA

- **Current:**
- (W)GPA - 4.31, (UW)GPA - 4.0

Notable Classes

- **Dual Enrollment**
 - Introduction to Programming with Python (University of Pittsburgh)
 - Anatomy and Physiology I-II (Carlow University)
 - Medical Terminology (CCAC)
- **Advanced Placement (AP)**
 - AP Chemistry
 - AP United States History
 - AP English Language & Composition
- **High School**
 - Scientific Research and Application
 - Honors: Biology, Chemistry, Physics
 - Forensic Science
 - Honors: Geometry, Algebra II, Trigonometry & Pre-calculus
 - Introduction to:
 - Python, Psychology, Sociology, Journalism I-II
 - Latin I-III

Achievements

Competition and Scholarly Recognition

- 2nd Place, Best Delegate, Model United Nations, University of Pittsburgh, 2023
- 2nd Place, Best Delegate, Model European Union, University of Pittsburgh, 2023
- 3rd Place, Cultural Communications Alliance International Marketing Campaign Interscholastic Competition at the University of Pittsburgh, 2023
- Presidential Award for Academic Excellence: 2019, 2021

Volunteering/Community Outreach

Cumulative Volunteer Hours

- 2021 - 2025 - **Various Organizations**
 - 100+ hours of community service

Languages

Foreign Language Proficiency

- English (Fluent)
- Yoruba (Beginner)
- Korean (Intermediate)
- Latin (Proficient)

Experiences

Center for Neural Basis of Cognition - Carnegie Mellon University, University of Pittsburgh

- **October 2023 - Present: 2 hours/week**
- Working under numerous researchers at the Center for Neural Basis of Cognition. Uses MATLAB to model and understand abstraction in animals, specifically monkeys. Attempts to understand the neuropathologies of higher function and deficits in human decision-making. Goals include understanding thought disorders like schizophrenia and early dementia. Hopes to enter research into numerous regional science fairs. Accompanied by 3-4 hours/week of independent problem-solving, research, and neuroscience lessons.

The Brain on Computer - Dr. Shushruth, University of Pittsburgh

- **September - October 2023: 1.5 hours/week, 6 weeks**
- Participated in pre-internship training with the Shushruth Lab at the University of Pittsburgh. Developed skills in MATLAB and the foundations of computational cognition. Accompanied by 4-5 hours/week of self-directed coding practice and skill development.

AHN Wexford Pathology Department

- **August 2023: 30+ hours**
- Shadowed multiple doctors and laboratories at Allegheny Health Network Wexford Hospital's Pathology department to develop a deeper understanding of all sectors of pathology and laboratory medicine.

Tutor

- **September 2023 - Present: 1 - 2 hours/week**
- Engages with peers and underclassmen to foster a stronger understanding of coursework. Develops lesson plans with practice problems for once-weekly geometry sessions.

EDUCATION & EXTRACURRICULARS

Avonworth High School - Class of 2025

Active Positions

- President/Founder, Red Cross Club: 2022-Present
- President, Key Club: 2023-Present
- Vice President, Latin Club: 2021-Present
- Chief Social Media Coordinator, Avonews [School Newspaper]: 2023-Present
- Senior Member, Mock Trial: 2023-Present
- Senior Member, Model UN: 2023-Present
- Student, Westinghouse Honors Science Institute: 2023-Present
- Member, Data Jam: 2023-Present
- Member, Health and Medicine Pathway: 2022-Present
- Member, ESL Buddies: 2021-Present
- Member, Peer Mentoring: 2021-Present
- Member, Math League: 2022-Present

Previous Positions & Promotions

- Vice President, Student Council: 2021-2022
- Committee Member, Key Club: 2021-2022
- Event Chair, Key Club: 2022-2023
- Staff Writer, Avonews [School Newspaper]: 2021-2022
- Co-Social Media Editor/Senior Staff Writer, Avonews [School Newspaper]: 2022-2023
- Co-Social Media/Community Outreach Officer, Sophomore Class Officers: 2022-2023
- Member, Mock Trial: 2021-2023
- Member, Model UN: 2022-2023

Consistent Academic Excellence | All Advanced Classes | Teacher Recognition & Recommendation

Projects

Red Cross Club — Founder

- September 2022: Connects student volunteers to the mission of the Red Cross, brings disaster relief volunteering and emergency preparation to the local community.

Vitalant Blood Drives - Student Coordinator

- November 2022 & March 2023: Successfully organized volunteers, advertised, coordinated sign-ups, and ensured the smooth operation of two Vitalant blood drives; collected more than 50 units of blood.