Otis Ikpase
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EDUCATION
Yale University: Economics and Cognitive Science (Machine Learning Concentration) Aug 2025 – May 2029
Relevant Coursework: Intermediate Macro and Microeconomics, Game Theory, Economics of Artificial Intelligence

King's College School Wimbledon: Valedictorian Sep 2023 – May 2025
Standardized Test Scores: International Baccalaureate (45/45), SAT (1570/1600), A-Level Math (A, aged 16), AS-Level Math (A, aged 15), Latin GCSE (9, aged 13), Math GCSE (9 aged 12), 11 GCSEs (perfect scores 9/9)
Awards: Honor Roll, Headmistress's Medal (Outstanding Student Example), UK Math Trust Gold Medal, 3 Model United Nations Awards, Non-Trivial Finalist, John Locke Essay Prize Commendation, Duke of Edinburgh Gold

WORK EXPERIENCE
PwC Insight Program, *Intern* Jul 2024

- Selected for PwC UK's Spring Weeks Insight Program which offered an introduction to PwC's business areas including audit, consulting, tax, and technology.
- Submitted a final research project studying efficiency gains linked to office placement in green environments.

Ikpase Coding and Books, *Founder* Sep 2022 – May 2025

- Started a school partnership initiative in Nigeria, donating 1,500+ books and producing eight Python educational videos to teach 40+ students.
- Created resources to improve literacy, digital skills, and access to quality education in under-served communities.

First Class Learning, *Tutor* Sep 2022 – Jan 2025

- Taught 20 children between the ages of 12 to 15 to prepare them for their GCSEs in Maths and English.

Non-Trivial, *Finalist.* Jun 2024 – Jul 2024

- Wrote a research paper on the decision-making processes of autonomous vehicles which received the John Locke Essay Award.

UNIVERSITY EXPERIENCE
Dwight Hall Socially Responsible Investment Fund, *Investment Manager* Sep 2025 - Present

- Elected as Investment Manager to serve on the board of DHSRI and provide a link between senior post-graduates who work on the Dwight Hall Investment Committee.
- Led a project using ESG analysis to restructure $40,000 of the fund's $200,000 total endowment.

Yale Fed Challenge, *Member* Sep 2025 - Present

- Worked in Yale's tournament team alongside Professor Bill English to research United States macroeconomic outlook and to present findings at the Federal Reserve at Boston.

Action, Computation and Thinking Lab, *Research Assistant* Oct 2026 - Present

- Worked under Professor Sam McDougle researching the transfer of human motor skills to novel contexts using computational modelling.

Model United Nations Team at Yale, *Treasurer* Feb 2026 - Present

- Elected as Treasurer to manage financial spending of a club with access to over $50,000 in funding, organizing spending rebates and planning trip expenses.
- Awarded at three conferences while gaining practical experience in organizing and executing projects, conducting research, and presenting ideas to diverse audiences.

Yale Premier League Club, *Founder & President* August 2026 – Present

- Founded a club to create a space for Yale's avid soccer fans to congregate to watch monthly games.
- Established charitable initiatives to raise money for Soccer Aid over $100

SKILLS AND INTERESTS

- *Skills/Languages:* Python, SQL, AWS, Latin, French
- *Programming Projects:* Personal Website, Smartglasses Attention Modelling, Philosopher_Research Agent