

HUMPHREY OBUOBI



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EDUCATION



Harvard College Class of 2018 • **GPA:** 3.5 / 4.0
Bachelor of Science Candidate in Bioengineering (focus in Materials)
Secondary Field in Computer Science

The Woodlands College Park High School Class of 2014 • GPA: 3.98 / 4.0
Rank: 12 / 616

SAT: 2320 / 2400 (730 Math, 790 Critical Reading, 800 Writing)

SAT II: 800 Math II, 800 Chemistry, 790 Biology

EXPERIENCE



Microsoft

Project Manager & Software Engineer Intern, Explore Program (May 2016 - August 2016)

- Details TBD.

Springboard Design Club

Vice President (April 2016 - present)

- Leading workshops in various aspects design thinking, engineering design, graphic design, etc.
- Coordinating efforts with Harvard Business School and Harvard Graduate School of Design to organize a 500 person conference
- Coordinating teams to manage the operation of the club

Microsoft Student Partners

Partner (August 2015 - present)

- Organizing workshops for the Harvard community in web development
- Contributing to initiatives such as Hour of Code and Imagine Cup
- Promoting Microsoft resources and brand on Harvard's campus

HackHarvardCollege

Design and Logistics (October 2015 - present)

- Designed, ordered, and established all visual elements, promotional items, and basic branding guidelines for the hackathon
- Organized event logistics and relationships with event attendees
- Working on all brand design for the upcoming hackathon

Freelance Designer

Self-employed Position (June 2015 - present)

- Offered graphic/web design aid to entrepreneurs, students, etc. in the Harvard community and beyond, particularly for startups and new organizations
- Tasks included full design of promotional items, logo design, webdev, etc.
- Completed graphic design suite and website for undergraduate presidential campaign

Illuminate Global Conference

Co-Chair (May 2015 - present)

- Co-Chair of 2016 Conference, managing and synchronizing the efforts of six different teams, ranging from technology to conference programming
- Organized event location, room booking, and other logistical matters for the global innovation and entrepreneurship conference
- Aided significantly in the design of the conference logo and general branding of the conference and created a majority of visual elements

RESEARCH



Wyss Institute for Biologically Inspired Engineering

September 2014 – present

Principal Investigator: Jennifer A. Lewis, PhD

Creating 3D bioprinted tissue constructs for the investigation of various biological processes, including drug reactivity and wound healing.

Bioscience Research Collaborative at Rice University

June 2014 – August 2014

Principal Investigator: Jordan Miller, PhD

Assisted with the production, analysis, and optimization of CO₂ laser-ablated PDMS microwells.

Engineered mechanical solutions for in-lab problems using computer aided design and additive 3D printing.

SKILLS



Java	Tissue Culture	Design Thinking
Python	Adobe Creative Suite	Graphic Design
MATLAB	3D Printing	Mechanical Design
OCaml	CO ₂ Laser Engraving	CAD (Solidworks)
HTML/CSS	Event Planning	Public Speaking
Javascript	Presentation	Spanish (proficient)

HONORS



- **1st Place** in Confi's "The Exchange" event, designing solutions to sexual assault on Harvard's campus
- **2nd Place** in Brown STEAM Assistive Technology Hackathon
- Program for Research In Science and Engineering Fellow 2015
- Harvard LEADS (Leadership Training) Fellow 2015
- Harvard Ventures Startup Community Fellow 2015
- High School Honors Science Program Fellow 2013
- National Spanish Exam 2013 - Silver Medalist

REFERENCES



Jordan Miller, PhD

Principal Investigator of Miller Lab for Physiologic Systems Engineering and Advanced Materials, Rice University

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Jennifer Lewis, PhD

Principal Investigator of Lewis Group, Harvard School of Engineering And Applied Sciences

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