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 Electrical Engineering), *Secondary Field in Computer Science*

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

SAT: 2320 / 2400 (730 Math, 790 Critical Reading, 800 Writing), **SAT II:** 800 Math II, 800 Chemistry, 790 Biology

EXPERIENCE

Microsoft

Program Management & Software Engineer Intern (May 2016 - August 2016)

Led a team of interns to research and build user models around student productivity, then built features around that research using C# and XAML on the Windows Platform Foundation model.

Springboard Design Club

Vice President (April 2016 - present)

Coordinated efforts to enhance the human centric design community at Harvard, directing a board of students to organize workshops, projects, etc. for 100+ students. Worked with a student agency to improve workflow at a student-run laundromat.

HackHarvard

Design and Logistics (October 2015 - present)

Managed logistics and graphic design for Harvard College's first Major League Hacking sponsored hackathon, drawing over 500 students. Currently the lead designer for print and web assets, developing distinctive visual branding guidelines for the organization.

Freelancer

Self-employed Position (June 2015 - present)

Offered graphic and web design assistance to a variety of customers, including students at the Harvard Business School.

Illuminate Global Conference

Co-Chair (May 2015 – present)

Coordinating the efforts of five teams to organize a 600+ collegiate conference on innovation in business in Fall 2016. Specifically overseeing progress on technology, design, marketing, and programming as co-Chair and coordinating university outreach.

FEATURED PROJECTS

Facebook Messenger Data Visualization (cs171.patrickpan.com) *with P. Pan and K. Zhang*

Created a series of data visualizations based on all of a person's imported Facebook messages. Built using HTML, CSS, and JS.

Shindo

Designed and built a wearable device that converts text into morse code vibrations for the deaf-blind. Built using C++ and Java.

RESEARCH

Wyss Institute for Biologically Inspired Engineering at Harvard University

September 2014 – present. Principal Investigator: Jennifer A. Lewis, PhD

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

Bioscience Research Collaborative at Rice University

June 2014 – August 2014. Principal Investigator: Jordan Miller, PhD

Assisted with the production, analysis, and optimization of CO_2 laser-ablated PDMS microwells.

Analyzed in-lab problems and engineered mechanical solutions for in-lab problems using computer aided design and 3D fabrication.