
IFUEKO IGBINEDION | RESUME

CONTACT INFORMATION

E-mail: ifuekoigbinedion@gmail.com

www.ifueko.com

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA

Ph.D. Electrical Engineering and Computer Science

Expected June 2022

Stanford University, Stanford, CA

M.S. Electrical Engineering, Signal Processing

June 2017

B.S. Computer Science, Artificial Intelligence

June 2016

PROFESSIONAL EXPERIENCE

Software Engineering Intern, Google

June 2018 to August 2018

Mountain View, CA

- Developed methods of training embedding models using data with noisy labels.

Software Engineering Intern, Verily

June 2017 to September 2017

Mountain View, CA

- Developed firmware for gPatch, a continuous glucose and activity monitor.

Software Engineering Intern, Google

June 2016 to September 2016

Mountain View, CA

- Developed camera based 6 degree of freedom tracking applications for Android.

Software Engineering Intern, Google

June 2015 to September 2015

Mountain View, CA

- Developed a computer vision application for automated robotic touch device testing.

Software Engineering Intern, Google

June 2014 to September 2014

Cambridge, MA

- Developed a machine learning application for hotel clustering error detection.

Linux Development Engineering Intern, IBM

June 2013 to September 2013

Hillsboro, OR

- Developed custom Linux distributions for ARM architecture development boards.

ACADEMIC EXPERIENCE

Research Assistant

September 2017 to Present

Massachusetts Institute of Technology

- Photonic Systems Group (Professor Cardinal Warde)

Teaching Assistant	September 2018 to December 2018
Massachusetts Institute of Technology	
<ul style="list-style-type: none"> 6.869/6.819: Advances in Computer Vision 	
Course Assistant	September 2015 to June 2017
Stanford University	
<ul style="list-style-type: none"> CS 108: Object Oriented System Design, CS 194: Senior Software Project 	
Research Programmer, Virtual Human Interaction Lab	September 2014 to June 2015
Stanford University	
<ul style="list-style-type: none"> Developed virtual worlds in python using the Oculus Rift and Microsoft Kinect. Developed data processing algorithms in python. 	
Research Assistant, Transformative Learning Technologies Lab	July 2012 to June 2013
Stanford University	
<ul style="list-style-type: none"> Developed movement tracking software programmed for the Microsoft Kinect using C++. 	

LEADERSHIP, AWARDS & AFFILIATIONS

MIT Graduate Student of Color Advisory Committee	December 2018 to Present
Co-President, Academy of Courageous Minority Engineers, MIT	May 2018 to Present
Community Service Chair Black Graduate Student Association, MIT	May 2018 to Present
Alfred P. Sloan Foundation Scholar, MIT	September 2017 to Present
Lemelson Presidential Fellow, MIT	September 2017 to June 2018
NSF Graduate Research Fellowship Program Honorable Mention	March 2017
Stanford HackOverflow 2015: Overall Best Hack	April 2015
IEEE Student Member	September 2014 to Present
SanDisk Scholar	September 2013 to June 2014
President, National Society of Black Engineers, Stanford	May 2013 to May 2014
NSF XSEDE Scholar	September 2012 to June 2013
Vice President National Society of Black Engineers, Stanford	May 2012 to May 2013
Stanford Undergraduate STEM Fellow	February 2012 to June 2015

SKILLS & INTERESTS

ACADEMIC INTERESTS Machine Learning, Computer Vision, Holography, Haptics, Virtual Reality, Image Processing, Robotics

PROGRAMMING Python, C++, MATLAB, PHP, C, Java, JavaScript, HTML, CSS, SQL

SYSTEMS AND APPLICATIONS TensorFlow, Pytorch, Torch7, LaTeX, Blender, Visual Studio, Eclipse