



Education

NYU Tandon School of Engineering: Brooklyn, NY

Spring 2017

- › B.S. Integrated Digital Media

Brown University, Pre-College Program

Summer 2011 & 2012

- › Exploring the Interface
A nanotechnology class covering cutting edge biogel reduction research
- › Techniques in Biochemistry
A lab testing the emerging technologies and processes of conducting biochemical research

Skills

Hardware: Arduino, 3D Printing, CNC, Raspberry Pi, Circuit prototyping, Digital Logic

Software: C, MATLAB, Java, Embedded Systems, Eagle, Adobe Suite, MS Office

Work Experience

Teaching Assistant, NYU: Engineering and Technology Forum

2015-2016

- › Conducted Lean Startup Workshops teaching students about iterative design

Howl Interactive Incorporated: Brooklyn, NY

Chief Technology Officer

2013 - Present

- › Software and Design

Prototyping Lab, NYU: Professor Michael Knox

2014 - 2016

- › Researched and designed a surgical tool to mitigate user error

Student Researcher, NYU: Professor Yoel Ohayon

Summer 2014

- › Explored structural D.N.A. nanotechnology
- › Extrapolated DNA efficiency based on stimuli

Summer Intern: Mango Concept

Summer 2016

- › Web Development
- › Design and evaluate the usability of online experiences

Clubs & Projects

EIA NYU

- › Entrepreneurship & Innovation Association: Board Member

2015-Present

Inno/Vention Competition, NYU

- › Hardware development contestant
- › Organizer [Spark Start]

2015

2016

GE FirstBuild + Makerbot Hackathon: First Place - Undergraduate

2015

- › Worked to iterate hardware based on 3D printing, Arduino, and Firebase

Digital Narrative: Humanculous

2016

- › vimeo.com/akashkumar