

# Ash Bhimasani

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## Objective

I am a first year student seeking a summer internship in a technology related field. I am interested in UI/UX Design, Cryptography, FinTech, Logistics Optimization, Deep Learning, Rapid Prototyping, & Web Development.

## Education

### Georgia Institute of Technology: College of Computing

- Bachelor of Science in Computer Science

Aug 2016 – May 2020  
Atlanta, GA GPA: 3.5

## Experience

### Graph House

*Creative Director*

- Working as a creative and marketing consultant for businesses in the Atlanta area. Assigned as creative director for product design, branding, and marketing solutions.
- Tools I use include Final Cut Pro X, Photoshop/Illustrator/Sketch, Canon EOS 7D, and various web technologies for development.

Oct 2016 – Present  
Atlanta, GA

### Drexel ExCITE Center

*MET Lab Intern*

- Worked under Dr. Youngmoo E. Kim with Drexel STAR Scholars on a variety of multidisciplinary research projects.
- Worked on the Humanoid Robot project (HUBO) as a collaboration between Drexel, MIT, Penn, and KAIST. Tasks included 3D printing parts and fixing problematic mechanical and software bugs.
- Applied machine learning and computer vision on a Parrot AR Drone project to choreograph multiple quadcopters to dance in sync.
- Utilized Max MSP to design an automatic light show for Drexel's Magnetic Resonator Piano.

Jul 2015 – Aug 2015  
Philadelphia, PA

### Lockheed Martin Space Systems

*Engineering Department Intern*

- Worked under Gregory J. Staszowski examining aspects of the engineering workplace and technical roles of different engineers. Participated in ideation, prototyping, and client meetings.
- Worked with the Tactical Boost Glide (TBG) engineering team on designing a hypersonic communications systems capable at Mach 20 speeds.

Jul 2015 – Aug 2015  
King of Prussia, PA

## Projects

### Freight Tendering Optimization Software

- Cloud application that creates a Carrier Selection Network to be leveraged by businesses for increased profits and efficient management.
- Currently working to create a prototype and business model for international market.

Dec 2016 – Present

### Penny Stock Screener & Algorithmic Trader

- Lightweight technical analysis of micro-cap stocks to dynamically assess pre-determined patterns and create a shortlist for trading. Additionally, developing an algorithmic trader to strategically take long and short positions.
- Currently studying Quantopian's Pipeline API for backtesting and strategy implementation.

Dec 2016 – Present

### Cycle3D

- Open Source 3D printing project focused on designing and prototyping new hardware that can granulate and reuse recyclable plastics to reduce cost and environmental impact.
- Tools I used include Arduino, Repetier, SolidWorks, Cura, and a customized 3D printer.

2015 – 2016

## Accomplishments

### Bloomberg Code B Stock Algorithm Hackathon

- Implemented an algorithm to determine highest dividend payout along with trace of highest bid/ask ratio. Placed as Top 5 Algorithm during live competition.

Jan 2017

## Skills

- Programming Skills:** Python, CSS 3, HTML 5, PHP, JavaScript, Angular, React, Django, Node.js, Arduino
- Software:** Photoshop/Illustrator/Sketch, Final Cut Pro X, Logic Pro X, Excel, SolidWorks/OpenSCAD