

Ash Bhimasani

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Objective

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

Education

Georgia Institute of Technology

- Bachelor of Science in Computer Science
- Member of Lambda Chi Alpha Fraternity

Aug 2016 – Apr 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 to be creative director for product design, branding, and marketing solutions. Technologies I use include Final Cut Pro X, Photoshop/Illustrator/Sketch, Canon EOS 7D, and various tools for web development. Currently working on a contract with a UK Vodka Manufacturer.

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.
- Used machine learning and computer vision on Parrot AR Dancing Drone project to choreograph multiple quadcopters to dance in sync.
- Used Max MSP to create automatic light show for Drexel's Magnetic Resonator Piano (MRP).

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.

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. Also working to algorithmically trade with a successful working concept and alternative strategies.
- Currently studying Quantopian's Pipeline API for dynamic assessment of securities for both long and short positions.

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.
- I used Arduino, Repetier, SolidWorks, Cura, and a custom 3D printer for this project.

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

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