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Ash Bhimasani

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325269 Georgia Tech Station,
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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, Photoshop/Illustrator/Sketch, Canon EOS 7D, and various web and mobile 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 Falcon 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, Java, CSS 3, HTML 5, Apache, nginx, Bootstrap, JavaScript, Swift, Node.js, Arduino
- Software:** Affinity Photo/Designer, Sketch, Final Cut Pro X, Logic Pro X, IntelliJ IDEA, SolidWorks