ABHINAV MAMIDIPAKA

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OBJECTIVE: To obtain Computer Science Internship for Summer 2021

Education

The Pennsylvania State University – University Park, PA

Major: Bachelor of Science in Computer Science – Dean's List Scholar   **Class of 2022**

Minors: Technology Based Entrepreneurship and Innovation, Math

Clubs: Triangle Fraternity, PyLO, Blockchain, HackPSU

Computer Science Experience

NASA L'SPACE LUCY Mission – Administration Team Lead   **08/2020 – 12/2020**
- *Developed, tested rover mission goals such as carrying out mission goals, navigating through terrain, capturing objects, utilizing color sensors, and producing audio*
- *Coordinated with Mechanical and Science team for rover design and development with design engineers making sure all interfaces were understood completely to develop a perfect plan to go from Earth to Enceladus*
- *Engaged in a 12-week hands-on mission with astonishing NASA scientists and engineers*

Blackberry – Technical Support Intern   **06/2020 – 08/2020**
- *Part of the AtHoc Team, a division of Blackberry which is recognized as the market leader in next-generation emergency communication software for security and safety market*
- *Enhanced FAQ to provide easy access to information to reduce questions received by about 20%*
- *Helped improve Support Request and Portal Registration experience for all customers by providing an enhanced UI design (ease of use) and leading questions to provide more details for deeper analysis of the problem*
- *Creating a way to protecting customer data such that the file is only going to be accessible only to employee's that need to access to the customer's data*

Arlix Technologies – Full Stack Developer Intern   **10/2017 - 06/2019**
- *A mobile/web application was created in order to display all event occurring by each committee of the company, have employees create a personal business card on the app, and push notifications would be sent for any upcoming events or company meetings.*

Leadership Experience

Anthos – Founder/President   **Summer 2017 - Ongoing**
- Anthos, Greek for blossom, is a streetwear brand founded in Sunnyvale, California that strongly expresses the idea of not conforming to society and rising above adversity. Emphasizes the idea of having simple but elegant clothing to represent streetwear enthusiasts which is represented by our signature logo the Lotus, which shows how a person blossoms, or rises against their problems and keeps going.
- Managed a board consisting of 7 members, 3 investors and had weekly meeting with at least 10 members to develop ways to fundraise money by developing our business. Profits of our business have gone towards NAMI, the national alliance on mental illness.

Programming Club – Founder/President   **Fall 2017 - Spring 2019**
- *Empowering males and females under the age of 18 to prepare for careers in Engineering and Technology. Students learned the basics of Java, Python, and HTML in Programming Club.*
- *Expanded the image of Engineering and Technology professions as a positive force in improving the quality of life and demonstrating the value of diversity and inclusion.*

Awards and Acknowledgements

Winner at Pitt Challenge 2019 – Medical Tracker   **Fall 2019**
- An app where a person will be able to track their health and keep their doctor updated over the mobile/web application.
- Worked on developing the Mobile/Web Application and implemented its related functionality using HTML, CSS, JavaScript, Node.js, Python. Used Firebase and Google Cloud to store the data. Used Brackets, NetBeans, Eclipse for testing the code and developing the application.

Winner at SVHacks 2019 - Gamify   **Spring 2019**
- *As a high school student attempting to learn a new language, I had to practice plenty of Quizlet sets. Quizlet has attempted to make this less painful with their attempts to "gamify" the experience. I have created an app where students can enjoy learning their vocabulary words.*

Software and Technical Skills

- *Communication, Teamwork, Flexibility, Creativity, Problem Solving, Self-Management*
- *Python, Java, C, HTML, CSS, C++, Salesforce*