ADITYA ASHOK

ashokadi@msu.edu | linkedin.com/in/ashok-aditya | adityaashok.com

---

EDUCATION:

B.S Computer Science & Engineering + B.S Data Science **May 2022**
Minor: Entrepreneurship & Innovation **HONORS | GPA: 3.80**
Michigan State University

SKILLS:

Data Science: *Python, Jupyter, Pandas, NumPy, SciPy, Matplotlib, Scikit-Learn, Seaborn, R, ggplot2, dplyr, Microsoft Excel*
Programming: *Python, C++, JAVA, HTML, CSS*

EXPERIENCE:

COVID-19 Engineering Internship Experience **May - August 2020**
MSU The Center for Engineering
- Participated in over 60 technical, skill-building, and management philosophy seminars, webinars and board rooms lead by top executives and industry leaders, exceeding the required target of 25 by 240%, in 60 days
- Gained valuable counsel on personal branding and networking skills that helped me establish over 100 organic professional connections; gained mentorship and recommendations through 1:1 meetings with successful leaders
- Featured in abc7 Rebound Detroit 7 action news media report on virtual internships
- Completed an EdX course on Introductory Data Analysis and built an interactive dashboard using Pivot Tables in Excel
- Introduced to Tableau, learned how to tackle case interviews, and learned the importance of innovation and adaptability

East Lansing Startup Weekend **February 2020**
Techstars
- Competed against 150 entrepreneurs to pitch ideas, form a cross-functional team & build a startup from scratch in 54 hours
- Built a web application that crowdfunds athletes and gives the fans a voice in recruiting their athletes
- Won 'Best Startup' for the team's excellent 5-minute pitch and demonstration of the startup's business plan & website. Learnt a lot about marketing strategies such CAC and budgeting, patents, and app development tools like 'Flutter'

Grizzhacks 4 Hackathon **September 2019**
Major League Hacking, Oakland University
- Competed in a 24hr non-stop hackathon against 3000+ competing hackers at Oakland University
- Built a trendy web application, 'HEMU', that solved the problem of indecisiveness while ordering food online. The app was built to incorporate the swiping technology, similar to 'Tinder'. The app was built using HTML, CSS, JS, PHP, SQL, and excellent teamwork
- Won the 'Best Web Application' award in my first hackathon

Fundraiser for a Social Cause **July 2019**
Fueladream.com
- Initiated crowdfunding campaigns with a team of 67 high school students to raise funds for heart surgeries of children of financially challenged families; partnered with Indiranagar Rotary Club, Needy Heart foundation and Jayadeva Hospital
- Marketed my campaign on social media and raised ₹66,300/- (approx. $1000) in 21 days, exceeding the initial target of ₹30,000/- by 221%. The team raised a total of ₹36,19,887/- (approx. $50,000), exceeding the initial target of ₹19,80,000/- by 183%
- Funded the heart surgeries of 120 children, exceeding the initial goal of 67 by 180%

LEADERSHIP:

Peer Mentorship Chair **July 2020 - Present**
ISAB MSU Honors College
- Spearheaded a peer mentorship program that offers mentorship for the academic and social success of first-year honors college students. Peer mentored an incoming freshman from Africa
- Introduced an efficient matching process based on feedback data that increased mentor-mentee match satisfaction

Webmaster & Director of Public Relations **May 2020 - Present**
MSU Indian Student Organization
- Developed the organization's first ever interactive website; developed the frontend using HTML & CSS
- Planned, designed, and organized new engagement and networking events for incoming freshman and existing members

PROJECTS:

Classification Models – Naive Bayes Wine Classifier
- Built a Naive Bayes classification model that classified a random sample of wine into its correct type with ~ 94% accuracy.
- Trained and Tested the model using the wine dataset. Compared the accuracy of the with other classifiers like Random Forest etc.
- Detailed the conceptual explanation of Machine Learning Fundamentals and the working theory of the Naive Bayes classifier.

ADDITIONAL:

- Conversant in 3 languages of Indian origin (& English)
- Active participant in sports: State Basketball Team Captain
- Neuro Linguistic Programming (NLP) Trainee
- Active participant in MUN's and Debate