


Yash Ravi Vaman

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 [Yash Vaman](#)

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Education

- **Shivaji University, Kolhapur** **Kolhapur, India**
Bachelor of Technology in Computer Science & Engineering *2019 - 2023*
- Graduated the four years of Bachelor's Degree with Average Grade **8.55/10 CGPA (3.52/4 GPA on USA scale)**
- Took Courses of Database Management & Analysis, A.I., Machine Learning, Computation & Automation, Software Development and Cyber Security

Work Experience

- Web Development Intern at **Twilearn** **Pune, India**
2022
 - Implemented a new data visualization tool, resulting in increase in data accessibility.
 - Collaborated with cross-functional teams to integrate machine learning models into production systems; Reduced Website's instabilities by **60%**

Projects

- Developed an **A.I. based Chess Engine** called as "**Alpha4**" by using tools and concepts of M.L , Deep Learning and Data model training. Project was aimed to increase the accuracy by **30%** for the next best optimal move. **(Aug 2022- Jun 2023)**
- Designed and Built a Web based Online Examination System: "**GradeX**" at the time of COVID-19 Pandemic. The goal of the project was to eliminate inconsistencies of the traditional online examination platforms and increase the efficiency by **20-30%** and transparency during the Examination. **(Jun 2021 - Feb 2022)**

Scientific Publications

- Published the Research Paper on "**The Use of Artificial Intelligence in Chess Engine**" at **National Conference on Emerging Trends in Engineering and Technology(NCETET-23)**. **(March 2023)**
- Led a group of Research Team consisting of Computer Science and Engineering Students and Presented findings and insights to non-technical stakeholders in a clear and accessible manner.

Specializations

- Specialized in **Machine Learning** course provided by **Stanford University & DeepLearning.AI. (December 2022)**
 - Studied about Supervised Machine Learning, Advanced Learning Algorithms and Unsupervised Machine Learning.
 - Implemented, Built & trained a neural network with TensorFlow to perform multi-class classification.
 - Scored Average **99.4%** Grade Percentage throughout the specialization.
- Specialized as certified **Cybersecurity Analyst** course provided by **I.B.M. (September 2022)**
 - Developed the knowledge of cybersecurity analyst tools including data protection; endpoint protection; SIEM; and systems and network fundamentals.
 - Gained hands-on experience to develop skills via industry specific and open source Security tools.

Extra-Curricular Achievements

- Achieved distinction by securing a position in the **top 100** participants nationwide in the prestigious **GeeksforGeeks' Data Structures and Algorithms** competition, showcasing strong problem solving skills and algorithmic proficiency on a competitive scale.
- Facilitated training sessions on data analysis techniques for students as an initiative for **Google Student Developer Club**.
- Earned **1st** prize for Project: Chess Engine using A.I. in Intra-College Project Competition held in Kolhapur, 2023.

Proficiencies

• Technical skills:

- Python
- R
- C++
- MATLAB
- TensorFlow
- Keras
- Scikit-learn
- Apache Spark
- Statistical Analysis
- SQL
- Statistical Modeling
- Data Visualisation

• Soft Skills:

- **English**
(*fully proficient*)
- **German**
(*Beginner*)
- **Spanish**
(*Working Proficiency*)
- **Communication Skills**
- **Team Collaboration**