


ANURAG CHAUHAN

Designation	Final Year CSE Student	
Affiliation	G.H. Raisonni academy of engineering and technology.	
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ACADEMIC PERFORMANCE

Year	Degree	Institute (University/Board)	%
2019-2023	B.E	G. H. Raisonni Academy of Engineering, (Nagpur University)	74.3
2019	Std. XII	Pt. Bachhraj Vyas Vidyalaya (Maharashtra State Board)	54
2017	Std. X	Pt. Bachhraj Vyas Vidyalaya, Nagpur, (Maharashtra State Board)	75

ACHIEVEMENTS

- Yellow belt Gradation from Sport Taekwondo Association of Nagpur district conducted on 20th April 2017.
- Secured Rank 1 in Nagpur Cyclethon-2015 Race conducted by Rotary Club of Nagpur Fort on 22nd February.
- Certificate of Appreciation for being a Co – author in the Anthology Published under the ISBN no. “978-0463103647”.

COURSES AND CERTIFICATIONS

- Completed online certification course of “IBM Blockchain Foundation Developer”, Organized by the Cognitive Class.ai on 5th July 2021.
- Completed 5 days skill training Program on Web Designing and ADOBE Creative Cloud and successfully scored A+ grade organized by GHRAET from 03rd October to 07th October 2019.
- Completed online certification course of “Semantic Segmentation with Amazon Sagemaker”, Organized by Coursera project network on 13th October 2021.
- Completed online certification course of “Automation Testing Masterclass – Selenium, Cucumber and More”, organized by Udemy on 10th May 2021.
- Completed online certification course of “DevOps fundamentals”, organized by Udemy on 10th May 2021.
- Completed online certification course of “Reverse Engineering, Debugging and Malware Analysis-2021”, organized by Udemy on 9th May 2021.
- Completed online certification course of “Web Scraping with Python”, organized by Great Learning on October 2021.

- Completed online certification course of “Data Science Quiz”, organized by itronix Solutions on 05th May 2021.
- Completed online certification course of “Google Tag Manager Fundamentals”, organized by Google on 13th October 2020.
- Completed online certification course of “Advanced Google Analytics”, organized by Google on 13th October 2020.
- Completed online certification Course on “Machine Learning: Unsupervised Learning”, organized by itronix Solutions on 5th May 2021.
- Completed online certification course of “Build Training Website using Google Sites”, organized by Coursera project network on 9th October 2021.
- Completed C and C++ Training Program certification course from Alive Tech Services Nagpur in 2021.
- Completed online certification course of “Data Analysis with python”, organized by Cognitive Class.ai on 9th July 2021.
- Completed online certification course of “Apply end to end security to a cloud application”, organized by Cognitive Class.ai on 26th October 2021.
- Completed online certification course of “Game-Playing AI with Swift for TensorFlow”, organized by Cognitive Class.ai on 9th July 2021.
- Completed online certification course of “The Fundamentals of Digital Marketing”, organized by Google Digital Garage on 22nd September 2020.
- Completed online certification course of “Business Communications”, organized by HP life on 24nd September 2020.

B.E DISSERTATION: APPLYING MACHINE LEARNING & OBJECT DETECTION FOR IDENTIFYING TRAFFIC RULE VIOLATION (SPEED LIMIT VIOLATION)

Supervisor: Prof. Vikrant Chole, Assistant Professor, Computer Science and Engineering Department, G. H. Raisoni Institute of Engineering and technology, Nagpur.

Duration: January 2022-June 2022

Abstract: Currently, traffic violations are controlled using enforcement measure that demands a high manual workforce, and resource which entails high economic cost. Contrary, the use of automatic traffic violation detection systems in many of the urban cities of the developed and developing countries is being implemented for a higher degree of traffic enforcement and adherence to the traffic operation rules. Following our study focus on the application of machine learning for automatic traffic violation detection for weak-lane disciplined mixed traffic conditions. The resulting exhibit that the developed model can detect traffic violations of over-speeding at an accuracy of 95%.

SOFTWARE AND TECHNICAL PROFICIENCY

Tools acquainted with:

- Programming Language: C, C++, PYTHON, RUBY.
- Machine Learning Pipelines with Azure ML Studio
- Search Engine Optimization
- CAD: Autodesk-AutoCAD and
- Productivity: Microsoft Office Tools (viz. Word, Power-Point and Excel), Easy Fit, Mendeley.

KEY ACADEMIC PROJECTS

- APPLYING MACHINE LEARNING & OBJECT DETECTION FOR IDENTIFYING TRAFFIC RULE VIOLATION (SPEED LIMIT VIOLATION).
Jan 2022 - June 2022

EXTRA-CARRICULAR ACTIVITIES

- Worked as Student body head of First Year Department during Antaragni 2020 held at GHRAET-Nagpur, during 24th -25th January 2020.
- Participated in Yuvarang Inter-Collegiate Youth Festival 2020 competition organized by Rashtrasant Tukadoji Maharaj Nagpur University in 2020.
- Participated in Sabrang Drama Competiton and Successfully Secured 2nd position in the event organized by GHRAET-Nagpur on 24th and 25th January 2020.
- Participated in Men in Action event and successfully Secured 2nd position in the event held under the Technical Fest Data-tron organized by GHRIET-Nagpur from 21st and 23rd April 2022.
- Participated in Face Painting Competition organized by GHRAET-Nagpur on 22nd January 2020.
- Participated in Photography Competition organized by CIVISTA- Civil Department GHRAET on 17th February 2020.
- Participated in Best from Waste Competition organized by CIVISTA- Civil Department forum GHRAET on 17th February 2020.
- Participated in Photography Competition organized by CIVISTA- Civil Department forum GHRAET on 17th February 2020.
- Participated in Poster Making Competition organized by CIVISTA- Civil Department forum GHRAET on 29th August 2019.
- Participated in Poster Making Competition organized by MESA- Mechanical Department forum GHRAET on 29th August 2019.
- Participated in Coding War Competition organized by CSE dept. under TECHNOTHAN"22 - GHRAET on 22ND April 2022.
- Participated in Technical Quiz on Python organized by CODING CLUB under CSE department- GHRAET on 20th March 2022.

INTERESTS : Cricket, Football, Driving, Trekking.

PERSONAL DETAILS

Father	Gajanan M. Chavhan
Mother	Lata G. Chavhan
Place of Birth	Nagpur, Maharashtra
Date Of Birth	19 th January, 2002
Languages Spoken	English, Hindi, and Marathi

REFERENCES

- **Prof. Vikrant Chole**, Associate Professor, Department of Computer Science and Engineering, G.H. Rasoni Institute Of Engineering and Technology, Nagpur.
Email: vikrant.chole@raisoni.net; Phone: +91-9423118113
- **Prof. Priyanka Gonnade**, Associate Professor, Department of Computer Science and Engineering, G.H. Rasoni Institute Of Engineering and Technology, Nagpur.
Email: priyanka.gonnade@raisoni.net; Phone: +91-9011083276
- **Dr. Ritvik Dhanraj Chauhan**, Research Scholar working of Traffic Safety, Pedestrian & Driver Behavior at National Institute of technology Surat.
E-mail: ritvikdchauhan@gmail.com; Phone: +91-7385167468

DATE: July 22nd, 2022.

PLACE: Nagpur

Anurag Chavhan

