

Divya Munot

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EDUCATION

Master of Science, Computer Science | University of Rochester, Rochester, NY *Aug 2022 – Dec 2023*

- Machine Learning, Data Mining, Deep Learning, Data Science for Linguistics, Algorithms

Bachelor of Engineering, Computer Engineering | PCCOE, Pune, India

Aug 2017 - Jun 2021

- Data Structures, Databases, Computer Organization, Object Oriented Programming
- Awarded with **Best Outgoing Student** of Pimpri Chinchwad College of Engineering, 2021

CGPA – 9.31/10

EXPERIENCE

Technology Trainee | TIAA GBS India, Pune, India

Jul 2021 – Jul 2022

- Played a key role in the **development of integral features**, including QDRO (Qualified Domestic Relations Order) and Death Servicing, for an **Immediate Annuity project**.
- Ensured the project's security and reliability by performing rigorous **unit testing and application testing**, utilizing cutting-edge technologies and methodologies.
- Actively participated in **code reviews, debugging, and troubleshooting to maintain code integrity and optimize system performance**.
- Participated in **agile development** processes, including **sprint planning, daily stand-ups, and retrospective meetings**, ensuring timely delivery of project milestones and objectives.
- Received **PT&RST On-Spot award** at TIAA GBS for outstanding performance.

Chief Operating Officer | Coding Club India, Pune, India

Jan 2021 – May 2021

- Spearheaded the overall operations** of Coding Club India (CCI), an organization focused on promoting coding and technology education.
- Successfully **managed a team of interns** and supervised day-to-day activities, ensuring smooth operations and efficient workflow.
- Played a pivotal role in driving growth, leading to a **90% increase** in the organization's reach and impact.

PROJECTS

- YOLO-based Foreign Object Detection**: Explored & evaluated **Chest x-rays dataset** to compare the **performance of YOLOv5 and YOLOv6** architectures, achieving better performance on YOLOv5.
- Medicinal Leaves Identification**: Trained and evaluated a **Convolutional Neural Networks (CNN) model** on the Indian medicinal leaves **dataset of 3600 images**, resulting in an **accuracy of 93%**.
- Quiz Maker**: Constructed a **PHP-MySQL** platform that **customized quizzes** to users' needs, allowing college organizers to **save \$3.5K** in hosting costs for the ACMW event.

PATENTS & RESEARCH PAPERS

- Identification and classification of Indian medicinal leaves using UAV with machine learning**, Application Number: 202121006780, Published Date: 05/03/2021
- BS-VI diesel particulate filters (DPF) cleaning with the help of acoustic sonic soot blowers**, Application Number: 201921029470, Published Date: 30/08/2019
- Piezoelectric electricity generation with acupressure walking tracks**, Application Number: 201921015132, Published Date: 15/05/2019
- Identification of Indian medicinal leaves using convolutional neural networks**. Dr. K. Rajeswari, Divya Munot, Niranjana Belhekar, Bhargavi Jahagirdar. 2021. 11, Nov 2021, IRJET, Vol. 08, pp. 1503-1507.

CAMPUS LEADERSHIP ACTIVITIES

Pimpri Chinchwad College of Engineering, ACMW student Chapter | *President*

Sept 2019 – Aug 2020

- Led a team of 15 girl volunteers** to provide mentorship & guidance for academics; **expanding the program by 250%**.
- Coached girl students on interpersonal and communication skills** through regular virtual meetings, leading to a **95% growth in confidence**.
- Facilitated hackathons, webinars & coding challenges** for second and third-year female students, resulting in an 80% increase in technical portfolio projects.

SKILLS

Programming languages – Python, R, C++, Java, HTML, JavaScript | **Databases**: SQL, Oracle

Libraries – Numpy, Pandas, Scikit-Learn | **Technologies and Tools**: OIPA, GIT, JIRA, Apache Spark, AWS, Visual Studio Code