SHREYA CHETAN PAWASKAR

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EDUCATION

University of California, Irvine Sept 2023 - Dec 2024
Master of Computer Science **GPA: 4.0/4.0**
Coursework: Advanced Programming & Problem Solving, Artificial Intelligence, Computer Security, Data Structures, Machine Learning, Parallel & Distributed Computing for Professionals

MKSSS's Cummins College of Engineering for Women, India Aug 2018 - June 2022
Bachelor of Technology in Computer Engineering **GPA: 4.0/4.0**
Coursework: Database Management, Data Mining & Warehousing, Design & Analysis of Algorithms, Internet of Things, Java Full Stack Technologies, Networks & Information Security, Operating Systems, Software Engineering, Statistics

TECHNICAL SKILLS

Programming Languages & Databases: C, C++, Python, Java, HTML, CSS, JavaScript, R, SQL, MongoDB
Tools: Android Studio, Git, Jenkins, Docker, Colab, OpenShift, AWS, Maven, CI/CD, REST API, Jupyter
ML Frameworks: PyTorch, Seaborn, Sklearn, Numpy, Pandas, Keras, Tensorflow, NLTK
Certifications: GCP Essentials, Google Developer Essentials

WORK EXPERIENCE

Citigroup July 2022 - July 2023
Technology Analyst (Software Development Engineer 1)

- Engineered full stack applications for corporate clients as a member of the Channels team in the TTS unit
- Streamlined payment processes by Junit tests leading to transaction time reduction & increased client satisfaction by **15%**
- Orchestrated the deployment of high-quality applications by using Scrum, Agile Methodology, Java and Maven

Citigroup May 2021 - July 2021
Summer Analyst Intern (Software Development Engineer Intern) *Pune, India*

- Worked on software development & segregation of the Monolithic Codebase Migration in the TTS Unit
- Optimized Microservices deployment pipeline by implementing Java, OpenShift, Docker, and Jenkins
- Achieved faster release cycles by **20%**, resulting in increased customer satisfaction

Cloud Counselage March 2020 - July 2020
Data Science Intern *Mumbai, India*

- Built a classifier to predict a student's eligibility for an internship using Sklearn, Seaborn and Matplotlib
- Created helpful data visualizations and obtained an **Accuracy of 95% & an AUC score of 92%**.

PROJECTS

Sequence Level Understanding of the 3D Organization of Genome

- Trained Markov Models & CNNs to distinguish between highly interacting/non-interacting genome regions.
- Used Python to achieve an **Accuracy of 99% & AUC score of 80%** using CNNs on real-life genomic data.
- Applied the DeepShap algorithm to find traits of highly interacting regions that make them more interactive.

Carify

- Led a team of 5 to develop a web app using machine learning for car maintenance cost prediction.
- Delivered comprehensive insights into vehicle maintenance & health, resulting in a **15% reduction** in repair costs, enhancing overall reliability.
- Recognized as a "Certified Potential Real Venture" by the Wadhwani Foundation after global jury evaluation from 11 countries.

MentorHub

- Developed an online web app using Django, HTML, CSS, and JavaScript to facilitate mentorship for juniors.
- Successfully matched juniors with seniors in the career guidance program enhancing collaborative learning.

EXTRA CURRICULARS

- Teaching Assistant for CSE 90: Systems Engineering & Technical Communication for Spring 2024 at UCI
- Head of Website at the Artificial Intelligence & Computer Vision Society - Cummins College of Engineering for Women
- Student Representative at the Society of Women Engineers (SWE) - Cummins College of Engineering for Women