Rohit Midha

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EDUCATION

- **SSN College of Engineering, Anna University** — Tamil Nadu, India
  Bachelor of Engineering in Computer Science and Engineering; GPA: 9.2/10.0 — *Aug. 2017 – July 2021*
  University Rank: #10, College Rank: #3

EXPERIENCE

- **Goldman Sachs**
  Engineering Analyst — *August 2021 – Present*
  - **Risk Analysis and Review Engine (RARE)**:
    * By automating archaic workflows, RARE lowers costs and improves quality and UX of the review process, thus bringing transparency and effectiveness to a critical risk process.
    * Reduced Review time by a third, from over 6 hours to 2 hours.
    * Introduced the Management Dashboard to provide high level insights to senior management, based on meta-data collected by the platform.
    * Streamlined the data flow for calculating a key financial metric reported and spearheaded the initiative to on-board onto Snowflake.
    * Defined SLA for our team's offerings using Prometheus for monitoring our Kubernetes deployments.
    * Awards: Runner Up, Innovation, Goldman Sachs Awards 2021 and Runner Up, Digital Poster, Goldman Sachs Internal Engineering Conference

- **CodeFemme** — Chennai, India
  Founder, CTO — *June 2018 – Present*
  - **Partner Schools**: Partnered with over 70 schools in the city to provide best in class Python workshops and class material for high school students.
  - **Te(a)chTheTeach**: Te(a)chTheTeach is a workshop series aimed at teaching PGT's about Python and it's various Libraries. Taught 100+ CBSE teachers so far.
  - **Numpy, Pandas and Neural Nets**: Guest Lecture on the topic "Numpy, Pandas and Neural Nets" at Kendra Vidyalya, Indian Institute of Technology, Madras. 50+ teachers from across the country in attendance.

- **Indian Institute of Technology, Madras** — Chennai, India
  Research Intern — *November 2019 – May 2020*
  - **Mentors**: Professor Gitakrishnan Ramadurai, Professor Balaraman Ravindran
  - **Traffic Optimisation**:
    * Developed a real-time Computer Vision based system, deployed to city wide CCTV cameras to optimise traffic lights based on predicted traffic.
    * Identify the licence plates of vehicles that violate traffic regulations with an accuracy of 86%.

ACHIEVEMENTS

- **Runner Up, Goldman Sachs Hackathon**: 2022
- **Rank 2, Transfer Learning for International Crisis Response, DEEP - AIcrowd**: Jan 2020
- **Merit Scholarship, SSN College of Engineering**: 2017-18, 2019-20
- **Rank 1, Round 1 - 3, Food Recognition Challenge, Seerave Foundation**: Dec 2019
- **Winner, Indian Sub-Continent, AngelHack Global Virtual Hackathon**: July 2019

PROGRAMMING SKILLS

- **Languages**: Python, C, SQL, Java, JavaScript, HTML

- **Frameworks and Technologies**: React, Redux, NodeJS, Kubernetes, Prometheus, PyTorch, FastAI

Volunteering

- **Google**: Organized the Google AI Explore ML Workshop at SSN College of Engineering.

- **Stanford University**: Section Leader for CS106A, offered during COVID-19 pandemic, with 10,000 global students participating from around the world.