

# Rohit Midha

<https://rohitmidha23.github.io/>

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## EDUCATION

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- **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

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- **Goldman Sachs** August 2021 – Present  
*Engineering Analyst*
  - **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 Vidyalaya, 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 software 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

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- **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

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- **Languages:** Python, C, SQL, Java, JavaScript, HTML
- **Frameworks and Technologies:** React, Redux, NodeJS, Kubernetes, Prometheus, PyTorch, FastAI

## VOLUNTEERING

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- **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.