Details

New York City
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Kunal Joshi

Education

MS, New York University - Courant
2021 — 2023

Computer Science

BTech, Manipal Institute of Technology
2016 — 2020

Computer Science and Engineering | GPA - 8.66/10

Minor in Computational Mathematics

Employment History

Software Engineer at National Instruments, Bengaluru
July 2020 — June 2021

- Fixed multiple bugs and added features in multiple LabVIEW modules and tool-kits as well as internal tooling used across the org.
- Reduced test pipeline time by over 50% by migrating to Azure DevOps and wrote parser logic for test reports.

Student Trainee at Samsung Research, Bengaluru
January 2020 — June 2020

- Involved in development of MAC protocol for 5G (mmWave) SmallCell over the Qualcomm FSM100XX platform.
- Worked on test framework for testing various features of the MAC scheduler as well as on the unit testing framework.

Intern at Praktice.ai, Bengaluru
May 2019 — July 2019

- Automated the creation and delivery of weekly reports to multiple clients and significantly reduced developer hours needed for the task.
- Added features to the existing AI chat-bot which would allow medical professionals to take over if required.
- Worked on automation of various data collection tasks and fixed bugs in the main product.

Links

linkedin.com/in/kjoshi99   github.com/HayWiir

Skills

Python   C

AWS Lambda, S3, RDS   Azure Devops

LabVIEW

Projects

Hashing using Parallel Programming
Implemented a hash tree algorithm in CUDA with support for hashing large files.

TIMEX3 tag identifier model for Hindi
Was part of a group that built a model for automating the detection of TIMEX3 tags in any Hindi text. Undertaken during the Advanced Summer School on NLP at IIIT-Hyderabad.