

ANIRUDDHA MYSORE

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WORK EXPERIENCE

Microsoft Research

Research Fellow

Aug 2021 - Present

Bangalore

- Building tools for reliability in Microsoft products with a focus on Azure services.
- Research Domains: Cloud Reliability, Dynamic Program Analysis
- Advisors: Akash Lal, Patrice Godfroid

Morgan Stanley

C++ Developer - Algorithmic Trading

Aug 2020 - Aug 2021

Bangalore

- Involved in the development of the proprietary algorithmic trading engine - Stack uses C++ and Python.
- Selected for the Technology Analyst Program - A global training program that Morgan Stanley offers to select university-graduates prior to joining development teams. Studied advanced topics in data concurrency and distributed systems.

Stride.ai

NLP Intern

Jan 2020 - Feb 2020

Bangalore

- Worked on the Scholar project - a natural language tool for question answering based on a corpus of Financial Documents.
- Developed the underlying extraction pipeline using BERT, custom Keras models, Scikit library and Elastic-search.

Google Summer of Code

Summer Intern at Red Hen Lab

May 2019 - Sep 2019

Remote

- Contributed remotely to the open-source codebase of Red Hen Labs, UCLA after being selected for the highly selective Google Summer of Code program, under the mentorship of Dr. Francis Steen and Dr. Jose Fonseca.
- Developed a monitoring system that allowed detailed tracking of the remote media capture stations Red Hen Lab operates across the world.

EDUCATION

PES Institute of Technology, Bangalore

B.E. in Computer Science & Engineering

GPA: 8.89/10

August 2020

Coursework: Advanced Computer Architecture, Artificial Intelligence, Data Mining and Warehousing, Machine Learning, Data Structures and Algorithms, Compiler Design, Automata Theory.

Activities: IEEE Computer Society chair, Led the Google Developer Student Clubs chapter

PAPERS

Clustering, Separation, and Connection: A Tale of Three Characteristics

International Conference on Software Maintenance and Evolution

(ICSME 2021)

S. Datta, A. Mysore, H. Wira, S. Sarkar

Robotic Exploration in Simulated Environments using Python

International Workshop on Soft Computing Applications, Arad, Romania

(SOFA - 2020)

A. Mysore, TSB. Sudarshan - Selected as best student paper.

Automated Segmentation of the Eye using a Light-Weight Two-Step Classifier

International Symposium on Intelligent Systems, Technologies and Applications

(ISTA - 2020)

A. Rao, A. Mysore, S. Ajri, A. Guragol, P. Sarkar, and G. Srinivasa.

SKILLS

Development	NodeJS, React, Python, MySQL, MongoDB, C/C++, Linux,
ML Engineering	SciPy Stack, Keras, Gensim, NLTK
Research	Computer Vision, NLP, SNA, Robotics

VOLUNTEERING

Developer Students Club

Chapter Lead

- Selected by Google to start and lead the Developer Students Club chapter at my campus.
- Conducted workshops to teach machine learning to 150+ students.

AWARDS

Best Student Paper Award

SOFA '20

Presented for paper titled 'Robotic Exploration in Simulated Environments using Python'.

PES University Datathon

2nd position out of 35 teams

- Task involved mining data from the NAS dataset released by the Indian Government and presenting insights.

AngelHack Bangalore

Top 4 finish out of 100 teams

- Built a platform that allowed anyone to make and publish virtual treasure hunts without writing code.