

# ANIRUDDHA MYSORE

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## EDUCATION

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**PES Institute of Technology, Bangalore (Affiliated to VTU, Belagavi)**

**GPA: 8.76/10**

*B.E. in Computer Science & Engineering*

*August 2020*

- Advisor: Dr. Sudarshan TSB

## PUBLICATIONS

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

**[ICSME 2021]**

*37th International Conference on Software Maintenance and Evolution, Luxembourg*

[PDF](#)

Subhajit Datta, [Aniruddha Mysore](#), Haziqshah Wira and Santonu Sarkar

**Robotic Exploration in Simulated Environments using Python**

**[SOFA 2020]**

*9th International Workshop on Soft Computing Applications, Romania*

[PDF](#)

[Aniruddha Mysore](#), Sudarshan TSB. **Awarded Best Student Paper.**

**A Hybrid Pipeline For The Segmentation Of Eye Regions From Video Frames**

**[CHSN 2021]**

*International Conference on Computer Vision, HPC, Smart Devices and Networks*

Adish Rao, [Aniruddha Mysore](#), Abhishek Guragol, Rajath Shetty, Siddhanth Ajri, Poulami Sarkar, and Gowri Srinivasa.

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

**[ISTA 2020]**

*International Symposium on Intelligent Systems, Technologies and Applications*

[PDF](#)

Adish Rao, [Aniruddha Mysore](#), Siddhanth Ajri, Aniruddha Guragol, Poulami Sarkar and Gowri Srinivasa.

## WORK EXPERIENCE

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**Microsoft Research**

**Aug 2021 - Present**

*Research Fellow*

*Bangalore*

- Developing tools to improve the reliability of Microsoft Azure cloud services, with techniques like distributed tracing, API fuzzing, dynamic instrumentation, and concurrency testing. Advised by Dr. Akash Lal.

**Morgan Stanley**

**Aug 2020 - Aug 2021**

*Technology Associate - Algorithmic Trading Division*

*Bangalore*

- Developed trading engine infrastructure for algorithmic trading and worked with large software systems written in C++ and Python. Implemented and tested crash recovery methods.
- Selected for the Technology Analyst Program - Studied advanced topics in data concurrency and distributed systems.

**Turtlewig.com**

**Feb 2020 - Aug 2021**

*Technology Lead*

*Remote*

- Co-Founded Turtlewig, a collaborative design-workflow platform. Responsible for managing the development team and supervising five interns. Designed a serverless platform architecture that enabled scaling to thousands of concurrent users using cloud functions.

**Google Summer of Code**

**May 2019 - Sep 2019**

*Summer Intern at Red Hen Lab*

*Remote*

- Contributed remotely to the open-source codebase of Red Hen Labs, UCLA after as part of the Google Summer of Code program, under the mentorship of Dr. Francis Steen and Dr. Jose Fonseca.
- Designed the architecture for Cockpit, a monitoring system that allows detailed tracking of the remote media capture stations Red Hen Lab operates across the world. Implemented the same using Node.JS.

## AWARDS AND HONORS

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### **Best Student Paper Award**

*9th International Workshop on Soft Computing Applications, Arad, Romania - SOFA 2020*

- Awarded for the paper titled 'Robotic Exploration in Simulated Environments using Python'.

### **Certificate of Distinction**

*PES Institute of Technology*

*Sem I - VIII*

- Awarded distinction certificate and scholarship for all semesters.

### **Datathon - Data Analytics Competition**

*PES University, MCA Department*

*2nd / 35 teams*

- Data mining using the NAS dataset released by the Indian Government.

### **AngelHack Bangalore**

*AngelHack*

*Top 4 / 100 teams*

- Developed a No-Code platform for building virtual reality treasure hunts.

## VOLUNTEERING, DIVERSITY AND INCLUSION

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### **IEEE Computer Society, PESIT**

*Chair*

- Organized Ingenius, the annual college hackathon.
- Conducted GirlGeeksHack in association with IEEE CompSoc Bangalore to promote women's participation in hackathons.

### **Developer Students Club**

*Chapter Lead*

- Selected by Google to start and lead the Developer Students Club chapter at my campus.
- Conducted workshops to teach web development and machine learning to 150+ students with nearly 35% female participants.