Rahul **Yedida**

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Education

North Carolina State University　　　　　　　　　　　　　　　　　　　　　*Raleigh, NC*
Ph.D. Computer Science – Advisor: Dr. Tim Menzies　　　　　　　　　　　　*Aug 2019 - May 2024*

PES University　　　　　　　　　　　　　　　　　　　　　　　　　　　*Bangalore, India*
B.E. Computer Science　　　　　　　　　　　　　　　　　　　　　　　　*Aug 2015 - May 2019*

Experience

North Carolina State University　　　　　　　　　　　　　　　　　　　　*Raleigh, NC*
Graduate Teaching Assistant　　　　　　　　　　　　　　　　　　　　　*Aug 2022 - May 2023*
- TA (with 3 others) for 119 students for a graduate Automated Software Engineering course.
- TA (with 4 others) for 243 students for a graduate Software Engineering course.

North Carolina State University　　　　　　　　　　　　　　　　　　　　*Raleigh, NC*
Graduate Research Assistant　　　　　　　　　　　　　　　　　　　　　*Jan 2020 - May 2022*
- **Better, faster deep learning for SE:** Improved defect prediction by up to 123% (F-1 score), code smell detection by up to 30% (AUC)
- **Semi-supervised learning:** Achieved state-of-the-art results on static code warnings analysis using 10% of the labels.

Funding

Feb 2022　**$5,000**, Google Cloud Academic Research Grant

Service

Reviewer, ICLR 2024; NeurIPS 2023; Journal of Big Data, 2023; Automated Software Engineering (ASE), 2023; Empirical Software Engineering (EMSE), 2021; IEEE Symposium Series on Computational Intelligence (SSCI) 2020

PC Member, Automated Software Engineering (ASE) Artifact Evaluation Track, 2022; International Conference on Software Maintenance and Evolution (ICSME) Artifact Evaluation Track, 2021, 2022, 2023; International Conference on Modeling, Machine Learning, and Astronomy (MMLA), 2019

Student Volunteer, Automated Software Engineering (ASE) '21

Honors & Awards

Oct 2022　**Google Cloud Champion Innovator**
Jul 2023　**Google Cloud Champion Innovator - Cloud AI/ML**

Skills

Languages　　Python, TypeScript, Java, C++
Frameworks　Flask, Keras, PyTorch, Node.js, React
Databases　　MySQL, MongoDB, DynamoDB