Sripath Mishra

Master student (CS), UCLA
Prospective Phd student(CS)

Email: Mishra60@g.ucla.edu
Website: https://sripathm2.GitHub.io/
Github: https://github.com/Sripathm2
Linkedin: https://www.linkedin.com/in/sripath-mishra/

Education

University of California, Los Angeles, CA   ***June 2022***
Ms in Computer Science   GPA-3.64/4.0

Purdue University, West Lafayette, IN   ***May 2020***
BS in Computer Science (Honors), Part of Dean's Honor List, Best Sophomore Award for C.S.   GPA-3.56/4.0

Research Experience

Research in Scai Team(Ongoing)   ***Mar 2021 - Present***
Developing a GNN model to predict bug location in python Github projects using python code ast and text data from GitHub issues.

Research in Cam² Team   ***Jan 2018 - May 2020***
Lead a Team to develop tools for automated discovery of real-time network camera data from heterogeneous web pages, camera feed health checker, image database and a camera database API with client.

Job Experience

Graduate Reader (CS130), University of California, Los Angeles   ***Jan 2021 - June 2021***
Grade assignments including programs along with exams for software engineering course.

Software Engineering Intern, Carbonite (Xtern Program)   ***May 2019 – Aug 2019***
Worked in an agile method to work with virtual machines and C#. Used tools like Jenkins, Jira vSphere, vCenter, PowerShell, etc to complete assigned tasks.

Software Engineering Intern, NextGear Capital (Xtern Program)   ***May 2018 – Aug 2018***
Worked in the Kanban method to create a dockerized java server and a react client.

Undergraduate TA (Bridge Program, CS180, CS250 and STAT 190), Purdue University   ***Aug 2017-May 2020***
Help, supervise and grade the students during their labs in their lab time. Developed codes/test cases for labs and homework

Published Research Papers

Aditya Chakraborty, Akshay Pawar, Hojoung Jang, Shunqiao Huang, Sripath Mishra, Shuo-Han Chen, Yuan-Hao Chang, George K. Thiruvathukal and Yung-Hsiang Lu, "A Real-Time Feature Indexing System on Live Video Streams," 2020 IEEE 44th Annual Computer Software and Applications Conference (COMPSAC), Madrid, Spain, 2020.

Dailey, R., Chawla, A., Liu, A., Mishra, S., Zhang, L., Majors, J., Lu, Y.-H., & Thiruvathukal, G. K. (2021, March 23). Automated Discovery of Real-Time Network Camera Data From Heterogeneous Web Pages. arXiv.org. https://arxiv.org/abs/2103.12286.

Personal projects

NLP for Nada bot   ***Aug 2018 -May 2020***
Worked on the NLP portion of the task-oriented chat bot in python.

Easy Course   ***Jan 2017 – Jan 2018***
Created a chat server in Node. Created Client in web, Android and IOS. Enabled students in the same course to discuss and clear doubts in their language of choice.