Rahul Yedida, Desktop Developer

r.yedida@pm.me Website :: GitHub :: LinkedIn (919)-636-8327

EDUCATION

North Carolina State University

Ph.D. Computer Science - GPA: 3.9/4.0

PES University

B.E. Computer Science - GPA: 3.2/4.0

Raleigh, NC

Aug. 2019 - Present

Bangalore, India

Aug. 2015 - May 2019

EMPLOYMENT

North Carolina State University

Graduate Research Assistant

Raleigh, NC

Jan. 2020 - Present

- o Better, faster deep learning for software engineering
- V&V for AI systems
- Reuse in software engineering
- Automated microservice partitioning

Graduate Teaching Assistant

Aug. 2019 - Jan. 2020

Bangalore, India

• Held office hours for 54 undergraduate students and delivered lectures on C++.

Indian Institute of Astrophysics

Research Intern Jul. 2018 - Mar. 2019

- Image denoising: Worked on image restoration of globular clusters using convolutional neural networks.
- Research: Proposed novel adaptive learning rate scheme for deep neural networks.

Projects

JournalBear Jun. 2017 – Feb. 2019

GitHub :: SoftpediaJavaScript, Electron

Cross-platform journal application with AES-256 encryption. Rated 4/5 by Softpedia.

Xtreme Calculations Apr. 2013 – Oct. 2017

VB.NET, Python Softpedia

Windows math software to solve scientific and mathematical problems, with over 30,000 downloads over multiple sites.

Video Indexer Jun. 2017 - Sep. 2017

C++, Qt, CMUSphinxGitHub

Cross-platform desktop application to detect the time(s) a given keyword was spoken in a given video.

SKILLS

Languages: Python, JavaScript, C++, Swift, VB.NET Frameworks: Flask, Keras, PyTorch, Node.js, React

Databases: SQL, MongoDB