Rahul Yedida, Desktop Developer

Website :: GitHub :: LinkedIn :: Google Scholar

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(919)-636-8327

EDUCATION

North Carolina State University Raleigh, NC
Ph.D. Computer Science - GPA: 3.9/4.0 *Aug. 2019 – Present*

PES University Bangalore, India
B.E. Computer Science - GPA: 3.2/4.0 *Aug. 2015 – May 2019*

EMPLOYMENT

North Carolina State University Raleigh, NC
Graduate Research Assistant *Jan. 2020 – Present*

- 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*

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

Indian Institute of Astrophysics Bangalore, India
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
JavaScript, Electron *GitHub :: Softpedia*

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, CMUSphinx *GitHub*

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