

# Rahul Yedida

Website :: [GitHub](#) :: [LinkedIn](#)

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(919)-636-8327

## EDUCATION

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### North Carolina State University

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

Raleigh, NC

*Aug. 2019 – Present*

### PES University

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

Bangalore, India

*Aug. 2015 – May 2019*

## EMPLOYMENT

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### North Carolina State University

*Graduate Research Assistant*

Raleigh, NC

*Jan. 2020 – Present*

- **Research:** Co-authored 3 first-author papers and 2 other papers.

*Graduate Teaching Assistant*

*Aug. 2019 – Jan. 2020*

- **Office hours:** Held office hours for 54 undergraduate students.
- **Lecture:** Delivered lectures on object-oriented programming and RAII in C++.

### Indian Institute of Astrophysics

*Research Intern*

Bangalore, India

*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.

## SKILLS

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**Languages:** Python, JavaScript, C++, Swift, VB.NET

**Frameworks:** Flask, Keras, PyTorch, Node.js, React

**Databases:** SQL, MongoDB

## PROJECTS

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### JournalBear

*JavaScript, Electron*

Jun. 2017 – Feb. 2019

[GitHub](#) :: [Softpedia](#)

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

### Xtreme Calculations

*VB.NET, Python*

Apr. 2013 – Oct. 2017

[Softpedia](#)

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

### Video Indexer

*C++, Qt, CMUSphinx*

Jun. 2017 – Sep. 2017

[GitHub](#)

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