

Rahul Yedida

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EDUCATION

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

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 RAI 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

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

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

Databases: SQL, MongoDB

PROJECTS

Reddit Timer

React, Styled Components, Sass

Apr. 2021 – Present

[GitHub](#)

Website to help marketing teams time posts on Reddit for maximum attention.

Threaded Discussions Website

MongoDB, Node.js, React

Feb. 2021 – Present

[GitHub](#)

Companion website for video calls that allows for Reddit-style, threaded discussions.

Results Scraper

MongoDB, Express, React, Node.js

Mar. 2018 – Aug. 2018

[GitHub](#)

Website for scraping university examination results and displaying charts and printable reports, with caching using a database.

Video Sharing Website

MySQL, Express, React, Node.js, Sass, Elasticsearch

Oct. 2017 – Dec. 2017

[GitHub](#)

Simplified implementation of a video-sharing website with subscriptions and custom searching.

Web development projects

MongoDB, Express, React, Node.js, D3, Sass

Jan. 2017 – Nov. 2017

[GitHub](#)

Projects include URL shortener, rogue-like dungeon crawler game, voting application, Simon game, land surface temperature heatmap, and mapping meteorite impacts across the globe.