Rahul **Yedida**

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Education

North Carolina State University	*Raleigh, NC*
PH.D. COMPUTER SCIENCE – ADVISOR: DR. TIM MENZIES	*Aug 2019 - May 2024*

PES University	*Bangalore, India*
B.E. COMPUTER SCIENCE	*Aug 2015 - May 2019*

Experience

Amazon *New York, NY*
SOFTWARE DEV ENGINEER INTERN *May 2023 - Aug 2023*
- Implemented profile locks for Prime Video on Echo Show devices.
- **Technology:** React Native, TypeScript

Amazon *New York, NY*
SOFTWARE DEV ENGINEER INTERN *May 2022 - Jul 2022*
- Developed a full-stack system to publish announcements in socrecards used by delivery service partners (DSPs).
- **Technology:** React/Redux, TypeScript, Redux Saga, DyanmoDB, Java Spring

Honors & Awards

Oct 2022 **Google Cloud Champion Innovator**
Jul 2023 **Google Cloud Champion Innovator - Cloud AI/ML**

Projects

Programmable Resumes *GitHub*
PYTHON *Aug 2023 - Present*
- Developed a specification and implementation for modular, customizable resumes with support for two popular LaTeX templates.

pysh *GitHub*
C++, TMLANGUAGE *May 2021 - Present*
- Developed a superset of Python that allows running Shell code natively, with a VS Code syntax highlighting extension.

Threaded Discussions Website *GitHub*
MONGODB, NODE.JS, REACT *Feb 2021 - Jun 2021*
- Companion website for video calls that allows for Reddit-style, threaded discussions.

NearConnect *GitHub, App Store*
IOS, SWIFTUI *Nov 2020 - Mar 2021*
- iOS app to connect with people nearby using multicast peer-to-peer connections.

JournalBear *GitHub, Softpedia*
JAVASCRIPT, ELECTRON *Jan 2017 - Feb 2019*
- Cross-platform journal application with AES-256 encryption. Rated 4/5 by Softpedia.

Results Scraper *GitHub*
MONGODB, EXPRESS.JS, REACT, NODE.JS *Mar 2018 - Aug 2018*
- Website for scraping university examination results and displaying charts and printable reports, with caching.

Video Sharing Website *GitHub*
MYSQL, EXPRESS.JS, REACT, NODE.JS, SASS, ELASTICSEARCH *Oct 2017 - Dec 2017*
- Simplified implementation of a video-sharing website with subscriptions and custom searching.

Xtreme Calculations *Softpedia*
VB.NET, PYTHON *Apr 2013 - Oct 2017*
- Windows math software to solve scientific and mathematical problems, with over 30k downloads across multiple sites.

Video Indexer *GitHub*
C++, QT, SPHINX *Jun 2017 - Sep 2017*
- Cross-platform desktop application to detect the time(s) a given keyword was spoken in a video.

Web development projects

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

CodePen

Jan 2017 - Nov 2017

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

Skills

Languages	Python, TypeScript, Java, C++
Frameworks	Flask, Keras, PyTorch, Node.js, React
Databases	MySQL, MongoDB, DynamoDB