

Rishi Keshav PRADEEP

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EDUCATION

UNIVERSITY OF MARYLAND, COLLEGE-PARK

BS in Computer Science

2021 - 2025

> Presidential Scholarship

> [FIRE Research](#) program.

LYNBROOK HIGH SCHOOL

High School Degree

2017 - 2021

> Head of Front-End/Back-End @ WebDev Club

> Vice-President @ Lynbrook Me to We

> Member @ Machine Learning Club



EXPERIENCE

CHAOS GENIUS

Software Engineer Intern

Jun 2021 - Aug 2021

- > Worked on CG's algorithms for automated Root Cause Analysis and Anomaly Detection for time series data.
- > Engineered a KPI validation feature, created the anomaly detection visualization, and performed extensive algorithm and product testing and bug fixes.
- > [Chaos Genius repo](#) is open-sourced on GitHub

DSAPPS

Software Engineer Intern

Aug 2020 - Sept 2020

- > Worked on a project in forecasting resource requirements for tasks captured in Salesforce based on historical data and patterns from other tasks.
- > Performed text processing/cleaning, handled mixed data, experimented with k-means clustering for data analysis.

ELEVATE THE FUTURE

Director of Project Falcon

Jul 2019 - Present

- > Founded and directed [Project Falcon](#). Lead a team of officers & volunteers to build numerous websites for local businesses amidst the COVID pandemic while simultaneously teaching WebDev skills to youth.
- > As part of the [ETF](#)'s founding team, I advised on executive decisions and worked to expand our influence.

ZAMONO

Data Research Intern

- > Designed DB tables to store different disease information which formed part of Zamono's diagnostic systems.



PROJECTS

YouTube Mentions - Python, Svelte, NLP, Song Recognition, Named Entity Recognition, Web Scraping

[Source Code](#) | [Demo](#)

> 2nd Place Media Track @ PickHacks 2021

> This application analyzes the given YouTube video, retrieves quick snippets of relevant information about people, songs, games, etc. mentioned in the video, and displays them side-by-side.

Autoscriber - Python, Vue, MySQL, Speech Recognition, NLP

[Source Code](#)

> PWA for automatic online meeting notes using speech recognition and NLP.

best-comeback - Python, Facial detection, Facial landmarks, Image Manipulation

[Source Code](#)

> Uses facial landmarks to automatically generate a "Deal With It" gif from an input image.

Algorithms - Python, Algorithms, Data Structures

[Source Code](#)

> A repository full of various algorithms and data structures that I find interesting.



SKILLS

Languages

Python, JavaScript, Java, SQL, HTML, CSS

Applications/Technologies

Git, REST, Websockets, MySQL, Flask, React, Svelte