

RYAN RANA

+1 908 873 4657 

ryanrana04@gmail.com 

https://ryanrana.github.io/ 

www.linkedin.com/in/ryanrana 

Student/Software Developer specializing in
Computing Linguistics and Full Stack Development

EDUCATION

Diploma Sep 2020 - Jun 2024

Watchung Hills Regional High School, Warren, NJ

Clubs

TEDxWHRHS (Speaker)
Computer Science Club(President)
FPSPI (President)
WHRHS Science Fair (Steering Head)
Model UN (Award Winning)
Student Newspaper(Interview and Technology
Writer)
FBLA
Economic

SKILLS & COMPETENCIES

Python (AI focused)
UI/UX Design
React JS
Computer Vision / NLP
API Integration
Web Development
Databases
Hardware computing / Haptics
Team collaboration

EXPERTISE

Figma . Amazon AWS . Visual Studio . Jupyter Notebook.
Firebase . Mongo DB. Canva . Repl.it . XXAMP . Notion . Wix.
Github . Go Daddy . Google Cloud . Arduino . Raspeberry Pi .
XCODE

HONORS & AWARDS

AP Scholar
3rd place Congressional App Challenge 2021 NJ-07
1st place at WHRHS Science Fair.
Top 30 David Riccardo National Econ Challenge in NJ
Model UN - Award-winning senior delegate
First Level Winner of Google Code-in - Google Code-in
3rd Place at Repl.it Music Program - Repl.it
Qualified for IEEE NJ Young Engineer Award for NJRSF -
IEEE and Nokia Bell Labs
Qualified for NJIT CPCP Award for NJRSF - NJIT and NJRSF

LANGUAGE

English Spanish Hindi
Native Moderate Moderate

EXPERIENCE

Founder/Developer

Aug 2021 - Present

Course Turtle, Warren, NJ

Developed the secured web portal that allows teachers and students to share their school schedule online within their school community.
https://www.courseturtle.com

Software Engineer - Intern

Jul 2022 - Sep 2022

Populus, Austin

Worked on developing the UI and NoSQL DB backend of the Populus Trading App. Helped create sales and marketing deck.

Software Engineer - Intern

May 2022 - Aug 2022

Datanexxt LLC, Warren

Worked on automating cloud migration workflows for multiple client applications. Prepared cost analysis and ROI decks for each workflows.

Scientific Researcher

June 2022 - Present

Helios, Warren

Worked with a partner and PhD Student to publish research for Helios: A groundbreaking project allowing the visually impaired to localize and recognize 3D objects in a real-time environment

Robotics Instructor

June 2019 - Present

Bricks 4 Kids, New Jersey

Conducted Lego EV3 robotics, Scratch, and Python Programming classes. Promoted from assistant to lead instructor.

Technical Writer

July 2021 - Present

Medium

Authored articles on various topics within Computer Science, including AI, Python, Web Development, and Computational Linguistics.
https://ryanranas.medium.com/

Fullstack Freelance Developer

Aug 2019 - Present

Remote

Throughout middle and high school, I worked on various software projects and won awards. Projects included Apps, personal websites, company websites, and stock price prediction and Sports betting prediction. Authored and edited articles for open source community and private programming lessons. A collection of my work on GitHub repo -
https://github.com/RyanRana

PROJECTS

https://github.com/RyanRana