

# Pranay Roni

Sayreville, New Jersey, United States

pranay.roni@icloud.com

7328014365

[linkedin.com/in/pranay-roni-a2b331221](https://www.linkedin.com/in/pranay-roni-a2b331221)

## Summary

I love to solve problems in creative ways. I am a passionate self-taught programmer and currently a senior at Sayreville War Memorial High. I am always seeking new technologies to learn and am determined to push through the difficult challenges and have a strong will to succeed.

My tech stack includes:

- HTML
- CSS
- JavaScript
- React
- UI/UX Design
- Development using ES6/ES7 Typescript
- Java
- C++
- C#
- Python

Currently learning:

- Angular

## Experience

### Visual Effects Artist Freelance

Fiverr

Jan 2021 - Present (1 year 4 months +)

Created over 50+ different projects detailed with client specifications. Worked with local high school to create graphics for news network. Offer 10 sample templates for YouTube/Twitch media to clients for customization.

### Private Tutor

Self-employed

Sep 2020 - Present (1 year 8 months +)

Assisted over 30 clients in Calculus, Physics, Computer Science and SAT Prep. Raised client SAT scores by average of 150 points.

### Busser

Texas Roadhouse

Aug 2021 - Sep 2021 (2 months)

A Busser at Texas Roadhouse, also known as a Server Assistant, is responsible for working with servers, cleaning and resetting tables, and helping customers. Helped fill in in other areas of the restaurant as needed.

## Education



### **Rutgers University–New Brunswick**

Bachelor of Science - BS, Computer Science

Incoming Freshman during Fall 2022



### **CS50**

Computer Science

Jan 2021 - Mar 2022

Harvard's CS50, an entry-level course taught by David J. Malan, CS50x teaches students how to think algorithmically and solve problems efficiently. Topics include abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development.

Created over 11 applications tackling real world problems from Cryptography, Finance, Music, Politics and more. Applied and learned in-depth foundational skills for technologies: C, Python, Flask, HTML, CSS, Javascript and sqlite3.



### **Sayreville War Memorial High**

High School Diploma

2018 - 2022

Founded the CyberPatriot Chapter for SWMHS and lead teams to National Gold rank 2 times. Created and managed the website for AFJROTC unit and managed branding by making logo designs and helping distribute merchandise across school. Helped program database to manage tickets and merit/demerit system for AFJROTC with over 50 concurrent users daily. Rebranded and designed modern assets for SWMHS News service: "The Bombcast" with over 20 unique overlay designs, 5 transition effects, 7 text effects, 9 logo morph effects, and more.

## Licenses & Certifications



### **CS50x 2022 - CS50**

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### **Java - Sololearn**

25615993-1068



### **Java (Basic) Certificate - HackerRank**

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### **Learning Git and GitHub - LinkedIn**

## Skills

Git • JavaScript • HTML • Cascading Style Sheets (CSS) • Leadership • Project Management •  
Java • C# • C++ • React.js

## Honors & Awards

### **FBLA State Leadership Conference 1st Place** - Future Business Leaders of America-Phi Beta Lambda (FBLA-PBL)

Mar 2022

Competed in Computer Game Simulation & Programming and received 1st place at the annual State Leadership Conference in Atlantic City, New Jersey. Received invitation for the upcoming FBLA-PBL National Leadership Conference in Chicago, Illinois over summer to represent the State of New Jersey

### **CyberPatriot Gold Finalist** - CyberPatriot CPOC

Jan 2021

CyberPatriot is a CyberSecurity event created by the Air Force Association intended to challenge K-12 to compete with CyberSecurity skills. I Oversaw all CyberPatriot Teams as the Lead Coach for my school, lead a team as Team Captain to Gold and placed for Nationals.

### **The Order of the Purple Heart Award (AFJROTC)** - AFJROTC NJ-20173

Jun 2020

The Military Order of the Purple Heart Award recognizes exceptional leadership ability in a cadet/midshipman enrolled in a JROTC program in a High School, College, University or Trade School.