

Rohit Tripathi

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EDUCATION

East Brunswick High School (EBHS), East Brunswick, NJ

Sept

2021 - June 2025

Cumulative GPA: 3.9/4.00

PROJECTS

Company Website, *The Brilliant Chess Company*, East Brunswick, NJ

June 2023 – July 2025

- Developed a multi page website that not only informs customers about courses, programs, and about us, but also a functional registration component
- Utilized Angular and Firebase to efficiently develop and deploy the website whenever updates are required
- Worked with multiple software engineers in a team based environment to best push new updates

Apollo, *FRC Astraea Robotics*, East Brunswick, NJ

August 2022 – November 2022

- Developed an extensive application that was utilized team wide in order to scrape data from matches during live competitions
- Utilized React and Firebase (specifically database) in order to effectively log and update real time data
- Worked with multiple software engineers in a team based environment to develop the app as quickly as possible

WORK EXPERIENCE

The Brilliant Chess Company, Founder & CEO, East Brunswick, NJ

May 2023 - Present

- Managed a team of 30+ individuals from 3 different branches in order to drive expansion and garner 4 figures worth of profits
- 30+ customers over the course of one year (3 different countries)
- Tutored 15+ individuals of all ages (5-53)
- Collaborated with the local Library to create a chess club that meets every Thursday (20+ average kids)
- Collaborated and worked with lawyers to uphold all legalities in regards to sustaining an LLC
- Created a Media Outlet that has over 50+ followers, 1100+ likes, that posts about chess history, facts, strategy, etc.

Hathora, *Software Engineering Intern*, New York City, NY

June 2022 – August 2022

- Worked with developers to identify and remove software bugs
- Analyzed source code to identify functionality issues.
- Worked heavily with HTML, CSS, and JavaScript.
- Created simple browser-level games for framework testing

Astraea Robotics, *Programming Team*, East Brunswick, NJ

June 2022 – July 2024

- Programmed an effective autonomous routine utilizing advanced 3-dimensional vector mathematics and vision integration via limelight
- Led a team effort to develop over 32 autonomous paths, each meticulously calculated to minimize the need for extensive testing
- PID Integration for swerve and tank drive
- Utilizing React and Firebase to create a data collection app with analysis to aid the team in upcoming matches
- Taught high level code to new members during both on season and during summer training

LEADERSHIP

Executive Member, **Computer Science Honors Society (EBHS)**

September 2024 – June 2024

- Planned and executed a spring 2024 computer science fair at central elementary school garnering 11 projects, 17 people, and the entire 3rd and 4th grade class in attendance
- Planned monthly meetings to collect ideas and communicate events to members

President, **Computer Science Honors Society (EBHS)**

June 2024 - June 2025

- Introduced certification training, internship opportunities, and practical computer science projects that will equip all members with real experience that is quantifiable in the industry
- Created a Mini Robotics league for all CSHS members, teaching them concepts in electrical engineering, Arduino, Microcontroller usage, and more

Member, **History Bowl Team (EBHS)**

December 2023 – February 2024

- Was one out of 4 students in the entire quiz bowl team (20+ kids) to be selected to answer academic questions about history on behalf of EBHS

SKILLS

Technical: JavaScript & HTML & CSS (Advanced), Angular (Advanced), Firebase (Advanced), Java (Advanced), Python (Proficient), React (Proficient), Selenium (Proficient), Inventor / 3d Modeling (Proficient), Qiskit (Basic)

Business: Customer Relationship Management (CRM) (Advanced), Management (Advanced), Teaching (Intermediate), Google Ads (Basic)

Languages: Hindi (Fluent), Spanish (Basic), English (native)

Concepts: OOP, Calculus 1, Statistics

HONORS & INTERESTS

Honors:

September 2022 - February 2024

- Best Delegate (Rutgers MUN Conference 2024)
- Best Delegate (Central Jersey MUN Conference 2024)
- Outstanding Delegate (Princeton MUN Conference 2022)
- 1st place Regional History Bowl (International Academic Competitions 2023)