

Tahasin Shadat

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🔗 Personal Website

EDUCATION

Brooklyn Technical High School

June 2024 | New York, NY

Mechatronics & Robotics Major | GPA: 4.0/4.0

- **Relevant Coursework:** AP Computer Science Principles Extended (Python & Java), Algebra 2, Precalculus, PLTW Design & Drawing for Production, PLTW Digital Electronics, Robotics I & II
- **Clubs & Organizations:** TechCodes (Member), Finance Club (Member), Aero-Mechanical Engineering Design Club (President), National Honors Society, Outreach (Volunteering), Paw Patrol (Volunteering), Competitive Programming (Member), CodeWizards (President)
- **Awards & Achievements:** Top 10 in CodeOverFlow Hackathon, Honor Role (9th - 11th grade)

SKILLS

Programming (JavaScript, Python, HTML, CSS, C++, Java, SQL, C)

Technologies (Git/GitHub, Microsoft/Google Suite, Firebase/Firestore)

EXPERIENCE

Google Code Next, Student

Sept 2022 - Present | New York, NY

- Received dedicated mentorship and career preparation advice from a variety of Google Code Next coaches
- Gained technical interview experience through a data structures and algorithms course in Python led by Google software engineers

Code Nation, Fellow

Sept 2022 - Present | New York, NY

- Learned skills in advanced web development from software engineers at American Express
- Created a multitude of coding projects to learn more about code efficiency and project management

JPMorgan Youth Talent Network, Member

Aug 2022 - Present | NY & NJ

- Received mentorship and career advice from software engineers at JPMorgan Chase
- Led development of websites and mobile applications addressing United Nations sustainability development goals

Yokai Technologies, Full Stack Developer

Aug 2022 - Present | New York, NY

- Created websites that are helpful to the general public by honing coding skills and working in organized teams
- Collaborated to create lessons to teach programming skills to other members

All Star Code, Student

Jun 2022 - Aug 2022 | New York, NY

- Learned JavaScript, HTML, CSS, and Firebase, creating multiple web and game apps both individually and in teams
- Accumulated skills in time management, project management, networking, and entrepreneurship
- Received mentorship from professionals within Amazon, Home Depot, Spotify, NBA, Netflix, and JPMorgan Chase

Mechanical Engineering Summer Institute, Student

Jul 2022 | Riverdale, NY

- Experimented, learned, and observed the real life uses of AI and software engineering
- Used software to simulate engineering problems and solutions winning 1st place in an aerospace engineering contest

PROJECTS

Fitness101, JavaScript, HTML, CSS, REST APIs [🔗](#)

- Website which provides personalized workout schedules, recipes, and proper exercise form to combat obesity
- Gained more experience in working with REST APIs

Snake, JavaScript, HTML, CSS [🔗](#)

- Created the classic Snake game in a retro style that is fully responsive with added features such as difficulty options
- Utilized project to increase skills in modularization, procedural abstraction, problem decomposition, and Bootstrap

Type Racer Clone, Python [🔗](#)

- Replica Type Racer Game that measures typing speed displaying a graphic of a car that progressively moves forward (showing the users progress) with other features such as typing accuracy and car customization
- Used this project as a means of becoming more proficient at procedural abstraction and code refactoring

Study S.M.A.R.T (Self-paced, Minigame, Active learning, Resources & Testing), Python [🔗](#)

- Developed an app to identify learning style, assess core subject knowledge, and suggest improvement resources
- Collaborated in a team of 4 to complete the project within 24 hours, integrating a mini-game for interactive studying