

JOHN S. ROTONDO

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Availability: December 2024 - June 2025

EDUCATION

Northeastern University, Khoury College of CS, Boston, MA	Graduation, May 2025
NUin, New College of the Humanities, London, United Kingdom	Sept - Dec 2021
Gonzaga College High School, Washington, DC	May 2021

SKILLS & COURSEWORK

Languages:	Java, Python, SQL, HTML, Powershell
Softwares:	Tableau, GitHub, Squarespace, Docker, ServiceNow, AppSmith
Coursework:	Algorithms & Data, Object Oriented Design, Database Design, Management Information Systems, Financial Accounting, Fundamentals of Information Analytics, Marketing

PROJECTS

Website	Dec 2022 - Present
<ul style="list-style-type: none">- Design and implement site refresh using Squarespace platform- Updates and edits of site content including display images, member list, and safety policies	
Database & App	Mar - Apr 2024
<ul style="list-style-type: none">- Designed an app and database to record, suggest, and rate books and media based on user preferences- Used Docker to create and run containers, connecting AppSmith to the MySQL database- Developed SQL code to navigate, pull, and organize data from tags	
Image Processor	Oct - Dec 2022
<ul style="list-style-type: none">- Developed GUI application that displays altered images- Created filters to manipulate pixels and their RGB values- Researched algorithms to speed up the image altering process	
Marble Solitaire	Sept - Oct 2022
<ul style="list-style-type: none">- Developed a fully functional marble solitaire board game- Implemented multiple constructors to allow the starting board dimensions and shape to be altered- Created many move methods to allow for diagonal movements and implemented limitations so users are not able to move marbles multiple spaces or to a space that is occupied or does not exist	

EXPERIENCE

Alkermes, Desktop Engineer, Waltham, MA	Jul 2023 - Jan 2024
<ul style="list-style-type: none">- Integrated Windows 11 company wide through testing and system analysis; used powershell to create tables of employee information from database to track and update.- Created installation manuals for software development applications; Analyzed spreadsheets with application activity to identify causes of internet disruption.	
DEAN Adventure, Lead Counselor, VA	Jun - Aug 2024
<ul style="list-style-type: none">- Taught robotics and STEM concepts to children, fostering creativity and problem-solving skills through hands-on learning to ensure a positive experience for children.- Monitored and trained counselors to respond to children's needs and maintain a secure environment.	

INTERESTS & ACCOLADES

Interests:	Fitness & Strength Training, Alpha Kappa Sigma Fraternity, Hockey, Soccer, Tennis, Golf
Accolades:	Barnes Award, GCHS Humility, Honor, Reliable & Decorum Distinction, 2020, USTA Tennis Cup Champion Award, 2019, Principal's Award, Honors Distinction, 2015 - 2017