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

Software: 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 Management — Dec 2022 - Present
- Design and implement site refresh using Squarespace platform
- Update site content including display images, member list, and safety policies

Database & App — Mar - Apr 2024
- 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
- 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
- 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
- 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
- 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.

EC Home Collection — Summer 2021 - 2021
- Developed tend analysis charts of website viewership and trends

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