

John S. Rotondo

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Availability: May - August 2024

EDUCATION

Northeastern University, Boston, MA September 2021 - Present
Khoury College of Computer Sciences, BS CS & Business Graduation: May 2025
NUin New College of the Humanities, London, United Kingdom September 2021 - December 2021
Gonzaga College High School, Washington, DC June 2021

Accolades: Barnes Award, GCHS Humility, Honor, Reliable & Decorum Distinction, 2020 | USTA Tennis Cup Champion Award, 2019 | Principal's Award, Honors Distinction, 2015 - 2017

Coursework: Algorithms & Data, Object Oriented Design, Database Design, Management Information Systems, Financial Accounting, Fundamentals of Information Analytics, Database Design

SKILLS

Languages: Java | Python | SQL | HTML | Powershell | MySQL
Software: Tableau | GitHub | Squarespace | Docker | ServiceNow | AppSmith

PROJECTS

Website December 2022 - Present

- Design and implement site refresh using Squarespace platform
- Updates and edits to site content including display images, member list, and safety policies

Designed Database & App March 2024 - April 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

Image Processor October 2022 - December 2022

- Developed GUI application displaying altered images
- Worked with pixels, created each filter from scratch using for loops to go through every pixel in an image
- Researched algorithms to speed up the image altering process and RGB values for pixels for certain filters

StackExchange Project September 2022 - December 2022

- Studied and created a possible addition to StackExchange to make it more user friendly
- Developed SQL code to navigate, pull, and organize data from tags to display easier and frequently asked questions for each subject
- Created graphs showing relationships and trends between data categories

Marble Solitaire September 2022 - October 2022

- Developed a fully functional marble solitaire board game
- Implemented multiple constructors to allow the starting board dimensions and shape to be altered
- Created move methods to allow for diagonal movements and implemented limitations

EXPERIENCE

Alkermes, Desktop Engineer, Waltham, MA July 2023 - January 2024

- Helped integrate Windows 11 company-wide rollout by testing Windows applications and resources; used Powershell to pull employee information from the company database to create informative spreadsheets.
- Created installation and use manuals for software development applications; Analyzed spreadsheets with application activity to identify causes of internet disruption.

The Charlie Noble Restaurant, Busser, Nantucket, MA June 2021 - August 2021

- Worked as a food runner, host and busser for the restaurant; served bar food, cleared tables, seated and attended to customers; achieved record food sales within a day with the restaurant team

INTERESTS

Alpha Kappa Sigma Fraternity | Hockey | Intramural Soccer | Tennis | Golf