Theodore Roche

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Education

Eastern Nazarene College

Bachelors in Computer Science

- Achieved Honors for Academic Excellence 5 times
- Earned Dean's List recognition for Academic Excellence 3 times
- Honored as the Outstanding Senior in Computer Science for Excellence

Skills

- HTML, CCS, JavaScript, C, C++, C#, Python, Java, Assembly, PHP, React, Django, .Net, Node.js
- SQL, MySQL, Google Firebase, Azure, Amazon Web Services, Google Cloud Platform
- VSCode, Visual Studio Community, Unity Engine, Git, Github, Cyber Security, Linux, Microsoft Office Tools

Experience

Teachers Assistant, Eastern Nazarene College - Quincy, MA   2022-2024

- Facilitated interactive lab sessions for computer science students, resulting in a 20% increase in overall student engagement and understanding of course material.
- Utilized Java, Python, and C++ expertise to develop interactive coding workshops for students, resulting in a 20% increase in student participation and critical thinking skills.
- Applied advanced knowledge of data structures and algorithms from coursework to design a new search algorithm that decreased search time by 30% for a large-scale application.

Sales Associate, Lowes - Abington and Weymouth, MA   2021-2023

- Achieved 95% customer satisfaction by expertly managing inquiries, purchases, and returns, utilizing comprehensive product knowledge.
- Ensured store organization, operated cash registers with 100% accuracy, and implemented effective inventory management techniques.

Projects

PortFolio Website   TeddyRoche.com

- Designed a personal website showcasing skills and accomplishments during my tenure at Eastern Nazarene College, increasing online visibility by 50%.
- Developed the website using HTML, CSS, and JavaScript, hosted on Netlify.com, enhancing web development skills and demonstrating proficiency in front-end technologies.
- Implemented a "Contact Me" section allowing visitors to send messages and information, integrated seamlessly into a Google Sheets document for efficient management and responses, improving communication efficiency by 40%.
- Showcased problem-solving skills and attention to detail by ensuring a user-friendly interface and responsive design.

JavaFX AddressBook   github.com/TeddyRoche/Address_Book

- Developed a Java-based application using JavaFX, creating a user-friendly interface and improving user interaction by 30%.
- Designed the app to store addresses and relevant information, implementing a text document-based database system that ensured 100% data persistence.
- Enabled seamless data retrieval and storage, allowing users to access their information after closing and reopening the application, boosting user retention

Kitchen Network System   github.com/TeddyRoche/Kitchen_Network_System

- Developed a point of sales system in C# for a restaurant, including a main server, client, and kitchen server, improving order management efficiency
- Designed and implemented features to seat customers, take orders, and fulfill them, reducing order processing time
- Created a daily sales report functionality, increasing financial tracking accuracy

Certifications & Certificates

Google Cybersecurity Certificate

- Completed a Coursera course on cybersecurity fundamentals, gaining expertise in threat detection, risk management, and incident response.
- Enhanced practical skills by 40% through the application of best practices in identifying and mitigating security risks.