

Thuong Nguyen

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EDUCATION

Florida International University
BS Computer Science

Miami, FL
Graduation Date: May 2025

PROJECT EXPERIENCE

Self Project Miami, FL
Hangman Game in Java *Nov 2022 - Nov 2022*

- Developed a mini game Hangman using Java, demonstrating proficiency in object-oriented programming and algorithm design.
- Implemented a user-friendly interface using Java JOptionPane for an engaging user experience.
- Implemented the game logic, allowing players to guess letters to uncover a hidden word within a limited number of attempts, user input validation, tracking of game progress, as well as point system.
- Conducted extensive testing and debugging to ensure the game's functionality and resolve any issues or bugs.
- Successfully delivered a fully functional Hangman game, gaining practical experience in software development life cycle and project management.

Self Project Miami, FL
Web Scraping Trivia Quiz Game in Java *Jun 2023 - Jun 2023*

- Developed a quiz game application using Java that utilized web scraping techniques with Jsoup library and a graphical user interface (GUI) created with javax.swing.
- Implemented a web scraper using Jsoup to extract quiz questions and answers from a targeted website.
- Designed a user-friendly interface using Java Swing components, including buttons and frames from javax.swing and java.awt packages.
- Designed and implemented game logic, including displaying questions, handling user input, scoring, and providing feedback on correct/incorrect answers.
- Demonstrated proficiency in web scraping, HTML parsing, and DOM traversal techniques.

Self Project Miami, FL
Store Design Using Object-Oriented Programming *Sep 2023 - Sep 2023*

- Developed an interactive store layout application using OOP principles to optimize the arrangement of products, improve customer navigation, and enhance the overall shopping experience.
- Utilized Java and OOP concepts to design and implement the store layout application, demonstrating proficiency in encapsulation, inheritance, and polymorphism.
- Demonstrated problem-solving skills by addressing challenges related to real-time updates of the store layout, ensuring accurate representation of sales.
- Designed a user-friendly command-line interface (CLI) for customer interactions.
- Implemented functionality to create and write sales transaction data to a file.

SKILLS

Skills: Experienced in OOP(Object-Oriented Programming), Java, Data Structure and Algorithm