Yousef Dardir

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Education

University of Illinois at Urbana-Champaign — **Aug. 2021 – May 2025**
Bachelor of Art in Economics, Minor in Computer Science — *Champaign, Illinois*

Relevant Coursework

- Data Structures
- Game Development
- Discrete Structures
- Database Systems
- Advanced Statistics
- Machine Learning
- Introduction to Kotlin
- Employee Compensation
- Introduction to Java
- Introduction to Swift
- Macro-economics
- Micro-economics

Experience

Enterprise — **May 2024 – Current**
Customer Specialist — *Champaign, Illinois*

- Delivered exceptional customer service by addressing client needs and resolving issues, consistently exceeding customer satisfaction metrics.
- Entrusted with day-to-day operations, including managing logistics, ensuring fleet efficiency and optimizing performance.
- Analyzed and responded to dynamic business challenges, driving process improvements and enhancing overall branch efficiency.

University of Illinois at Urbana-Champaign — **Jan 2024 – Current**
Course Assistant for CS 415 (Game Development) — *Champaign, Illinois*

- Facilitated and instructed students in the development of games using Unreal Engine 5, concurrently grading their work.
- Mentored several groups of 3-5 students to tackle their group project, emphasizing the importance of meeting due dates.

Vinnys Pizza — **May 2022 – August 2023**
Web Developer — *Champaign, Illinois*

- Assisted in the back-end website development of the restaurant, maintaining functionality while focusing on customer appeal using HTML and Javascript.
- Utilized Android Studio as the development environment to visualize the website for both mobile and desktop platforms.
- Designed and implemented a point-of-sale system for the restaurant, similar to applications like Square. This initiative resulted in a remarkable 30 percent increase in sales. The system was crafted using HTML, ReactJS, and integrated with various plugins to enhance functionality and user experience.

Projects

Market Prediction App | *Visual Studio Code* — **August 2024**

- Designed, developed, and deployed a fully automated market analysis platform, integrating machine learning for predictive analytics, enabling users to derive insights from company's with minimal manual intervention.
- Conducted extensive testing and debugging, achieving a 90% accuracy rate through continuous improvements and performance optimizations.
- Integrated APIs for seamless data import/export, supporting CSV, JSON, and SQL databases, facilitating interoperability with external systems and allowing easy integration with existing workflows.

2D Retro Game | *Unreal Engine* — **November 2023**

- Worked collaboratively with a team of 3 to develop a 2D action game featuring multiple levels with progressive difficulty.
- Led the development of the Final Boss, crafting an advanced AI system for user tracking within the game.
- Authored a comprehensive technical design document outlining early-stage game mechanics, showcasing effective time and project management.

Photoshop | *C++, Android Studio* — **October 2023**

- Created a sophisticated image manipulation software inspired by Photoshop, showcasing advanced capabilities.
- Implemented a user-friendly interface using C++, allowing seamless adjustment of image hues and pixel properties.
- Addressed the challenge of incorporating layer management, enabling users to add and remove layers of stickers.

Leadership / Extracurricular

Arab Student Association — **Aug 2022 – Jan 2024**
Marketing Chair — *University of Illinois at Urbana-Champaign*

- Successfully increased the clubs online presence, resulting in a 30% increase in social media followers and improved engagement rates
- Elevated event attendance by creating innovative marketing campaigns, resulting in a 35% increase in event participation.

Technical Skills

Languages: C++, Python, Swift, R, React, HTML, CSS, JavaScript, SQL
Developer Tools: Visual Studio Code, Android Studio, Unreal Engine 5, Github, Docker
Skills: Project Management, Effective Communication, Client-Facing Presentations, Critical Thinking.