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# Bilal Mirza

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## **EDUCATION**

### TOWSON UNIVERSITY

Bachelor of Science in Computer Information Systems

May 2023

- Languages: Python | Java | C# | HTML/Css | SQL
  - Tools and Software: R-Studio | Tableau | AWS | Excel | Adobe Suite | phpMyAdmin
  - Key Courses: Enterprise Systems and Architecture | Computer Science I/ II | Information Systems Security | Organizational Database Management | Cloud Computing/ Enterprises
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## **RELEVANT PROJECTS**

JOHNS HOPKINS UNIVERSITY, Project Manager | Baltimore, MD

January - May 2023

*Five-Month Project to Develop Data Visualization Dashboard and Data Collection tool to Help Medical Professionals with Autistic Patients.*

- Directed a team to author deliverables and ensure timely fulfillment of client deadlines.
- Supervised and participated in the creation and implementation of all customer-facing components of the project.
- Effectively communicated with clients, as a direct point of contact, to convey project-related work and updates.

FUN FLICKS, Database Developer | Towson, MD

February - May 2023

*Four-Month Project to Design and Construct a Database aimed at Facilitating Customer Data Storage for Advertising Purposes, while also Enabling Tracking of Ticket Sales.*

- Guided the design phase of the project, gathering requirements and translating them into an efficient database schema that effectively stored customer data and facilitated event ticket tracking.
- Utilized SQL and database management tools (e.g., MySQL, phpmyAdmin, Lucidchart) to implement a robust database structure, ensuring seamless integration and efficient data retrieval for customer information and ticketing data.
- Collaborated closely with the client to gather feedback and refine the database solution, resulting in enhancements that aligned with business needs and processes.

TOWSON UNIVERSITY, Developer | Towson, MD

November 2022 - February 2023

*Three-Month Project to Build an interactive game featuring sophisticated Mechanics, Random Number Generation, and an Intricate Mapping System.*

- Ensured seamless player progression by fine-tuning difficulty curves, balancing obstacles, and adjusting RNG parameters to maintain an enjoyable yet challenging gameplay experience.
  - Designed and crafted 8 visually distinct levels that catered to different skill levels, resulting in a well-rounded and captivating gameplay experience.
  - Received positive feedback from playtesters, validating the success of the game's design, mechanics, and overall enjoyment factor.
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## **WORK HISTORY**

BLUESTONE RESTAURANT, Server | Timonium, MD

August 2021 - July 2023

*Two Year Commitment to Cultivating a Stable and Welcoming Environment, Fostering Valued Connections with Patrons to Ensure Customer Loyalty.*

- Managed financial responsibilities independently by efficiently working part-time and effectively prioritizing bill payments, showcasing a strong sense of financial responsibility and independence.
- Formed strong and lasting bonds with coworkers through open communication, collaboration, and a positive attitude, contributing to a harmonious and productive work environment.