Tyler Elliott-Bonus

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EDUCATION

University of Georgia, School of Computing — Athens, GA
Bachelor of Science, Computer Science — December 2024
Major GPA: 3.2

TECHNICAL SKILLS

Programming Languages: Python, SQL, C, C++, Java, JavaScript
Operating Systems: Windows, Linux, Unix, MacOS
Database: SQL Server, MS Access
Software: JCL, SQL, DB2, MS FrontPage/Teams/Excel/Word, Zoom

RELEVANT EXPERIENCE

Center for Advanced Computer-Human Ecosystems (CACHE) — Athens, GA
Virtual Reality Game Developer — August 2023 - Present
- Provided **technical support and troubleshooting** for VR game development, ensuring optimal performance across platforms.
- Developed **interactive simulations using C# and Unity3D**, improving user engagement and system usability.
- Conducted **root cause analysis** for game functionality issues, documenting resolutions to enhance future troubleshooting.
- Collaborated with cross-functional teams to **optimize application tools** and align technical solutions with project goals.
- Researched, tested, and implemented **best practices** for enhanced user experience and system efficiency.

Buddoo and Associates. — Tucker, GA
Legal Assistant/IT — May 2019 - August 2020
- Provided **technical support** for office software, managing and troubleshooting electronic case filing systems.
- Resolved **customer support issues** related to IT infrastructure, ensuring smooth office operations.
- Maintained **SQL databases** for case file management, ensuring data integrity and security.
- **Documented and prioritized technical issues**, escalating complex problems to appropriate teams for resolution.
- Delivered **end-user training and support**, ensuring legal staff could effectively use software tools and case management systems.

PROJECT EXPERIENCE

Library Website Project, *Web Programming*
- Developed a user-friendly website where customers can browse, view, and purchase books online.
- Implemented secure login and logout functionality, ensuring user authentication and session management.
- Designed and maintained SQL databases to manage book inventory, user profiles, purchase histories, and other essential data.
- Created an admin portal with restricted access for administrators, allowing them to add, update, or delete books and manage user accounts.
- Integrated a responsive design with a clean and intuitive user interface, optimizing the experience across various devices.

Weather App, *Software programming*
- Designed a JavaFX Weather Planner app, allowing users to input a location and view real-time weather forecasts.
- Integrated geocoding API for location tracking and Unsplash API for dynamic weather-based background images.
- Developed an intuitive UI with date and location input controls, offering a visually adaptive user experience.

Bulls and Cows Game, *Game developer*
- Created a word-guessing game in C++ using Unreal Engine.
- Implemented feedback system with "bull" for wrong letters and "cow" for correct letters.
- Focused on enhancing user engagement through real-time gameplay feedback.

ADDITIONAL EXPERIENCE

Sweet Hut Bakery Café — Doraville, GA
Sales Associate and Barista — August 2018 – September 2018
- Managed store inventory and processed customer payments.
- Prepared customer orders while maintaining high standards of service.

University of Georgia Competitive Sports — Athens, GA
Referee — February 2023 – August 2024

- Ensured fair play by enforcing game rules and managing in-game conflicts.
- Collaborated with fellow officials to maintain consistent rule interpretations.