Tyler Baxter

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Work History

Porky's Pizza Palace Pleasanton   **Feb 2019 – June 2023**
- Kitchen Leader, Delivery Driver
- Started as kitchen staff communicating with customers and collaborating with team
- Promoted to Delivery Driver with the responsibilities of leading the key meal-prep stations, meeting quick turn-around timelines, and training new employees

The Club at Castlewood Private Golf Course   **June 2023 – Present**
- Player Services
- Managed player check-in, maintain event timelines/records, ensure a welcoming atmosphere
- Supported course upkeep, continuously optimized driving range, and ensured a seamless opening and closing of the club.

Projects

The Infinite World Simulation   **Sept 2022 – Dec 2022**
- Program created in Java
- Constructed an endless simulation of a virtual world containing interacting entities with behavior changes based on simulated events
- Devised and implemented an A-star pathing strategy to allow effective entity traveling
- Object-oriented programming style with a focus on inheritance and abstract classes

Unarmed Knights   **July 2023 – September 2023**
- Videogame created in C++ using SFML
- Created a sophisticated collision system to ensure accurate interactions between weapons, enemies, and obstacles, enhancing the overall gameplay experience.
- Implemented dynamic sprite animations using sprite sheets, allowing all sprites to respond seamlessly to the game's current state and enhancing visual appeal.
- Generating all code and implementations in an object-oriented format.

WeatherBOT   **June 2023 – July 2023**
- Program created in Python
- Designed a personalized forecast sent through text/email directly to the user based on local weather patterns devised from .csv file reading
- Implemented a new daily message to consistently provide accurate weather reports

Education

California Polytechnic State University, San Luis Obispo   **Sept 2021 - Present**
- Bachelor of Science in Computer Science
- Current Cumulative GPA: 3.4, 4x Dean's List
- Data Structures, Algorithms, System Programming, Object-Oriented Programming and Design

Skills

- **Languages**: C, C++, Java, Python, HTML/CSS/JavaScript, RISC-V Assembly
- **Technologies**: Microsoft Office, Google Suite, Git, Object-oriented programming
- **Personal Skills**: Creative problem solving, Interpersonal communication, Adaptability