Simon Theuer

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Professional Experience

Fast Enterprises | Implementation Consultant | Tumwater, WA   July 2021 - Present
- Developed feature requests and upgrades for the Washington Department of Revenue tax software by using Visual Basic, SQL, and Gentax tools.
- Coordinated with several stakeholders on feature request details, end-user use cases, and technical requirements.
- Built reports that summarize information on customer visits, account balances, and business license applications using SQL to query across multiple tables and databases resulting in succinct access to info.

CSL | System Administrator, Supervisor | Madison, WI   January 2018 - May 2021
- Developed, maintained, and utilized in-house tools to run Linux backups, manage network switches, and track inventory increasing efficiency.
- Trained new student system administrators with in-depth training sessions and modules improving overall employee knowledge and confidence.

Software Project Experience

YouQueue | Java
- Developed Android App where users add Spotify songs to a common "party queue" using Android Studio resulting in democratic song selection.
- Implemented the Spotify SDK and Web API into the app yielding the ability to add songs to a Spotify queue and search for songs.

What's Up Is Down | C#, Unity
- Built 2D-Platformer from the ground up using Unity resulting in a game featuring world rotation, rotating platforms, and item collection.
- Programmed scripts for platform types, item collection, and end portal using C# which added core functionality and usability to the game.
- Utilized concepts such as Agile development, Model-View-Controller, and automated testing improving productivity during development.

Fantasy Lineup Optimizer | Python, Pandas
- Developed Python programs to optimize a fantasy basketball lineup by retrieving data from ESPN and basketball-reference API resulting in a higher scoring line-up
- Gathers data throughout the day and optimizes lineups based on schedule, injuries, available FA's, and available acquisitions.

Education

University of Wisconsin-Madison | Madison, WI   **May 2021**
Bachelor of Science: Computer Sciences
- Relevant Coursework: Algorithms, Data Structures, Software Engineering, Artificial Intelligence, Matrix Methods in Machine Learning, Cryptography, Foundations of Mobile Systems Fundamentals

Skills

Technical: Java (Advanced), Python (Advanced), Git (Advanced), Unix (Advanced), SQL (Intermediate), C# (Intermediate), Javascript (Beginner), HTML (Beginner), REST APIs (Beginner)