Tyler Smith

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Portfolio: www.sakiskid.github.io/tyler-smith-portfolio

MERN Stack Web Developer with four years of self-driven C# background designing physics-based interactive applications. Captivated by code that requires outside-the-box critical thinking to solve. Interests lie in algorithmic functions, artificial intelligence, and innovating web experiences that involve the community. Collaborative team-member with an objective to teach and lead while remaining malleable to feedback.

Technical Skills

Primary: JavaScript, Node.js, Git, HTML5, CSS3, C#, Unity Engine
Secondary: Chart.js, jQuery, APIs, AJAX, Gitbash, GitHub

Projects

Big Picture | **Github**: https://github.com/Sakiskid/Big-Picture
- Summary: Big Picture analyzes and visualizes job listing keywords on a graph
- Contribution: Built API interaction and Chart.js sorting algorithms. Helped manage workload and objectives between team members
- Tools Used: AJAX, jQuery, JavaScript, Chart.js

PBAB | Development Log: https://sakiskid.itch.io/pbab
- Summary: Physics Based Arena Brawler (PBAB) is a real-time physics-based arena fighting game
- Skills Acquired: Reactive Machine Artificial Intelligence, AI state machines, weighted arrays, class modularity, procedural level generation, and user experience design
- Tools Used: Unity Engine, C#

Backflip Master | Development Log: https://sakiskid.itch.io/backflip-master
- Summary: Backflip Master is a physics-based backflipping story game
- Skills Acquired: String manipulation algorithms, level design, and physics engine manipulation
- Tools Used: Unity Engine, C#

Relevant Experience

Self-Employed   2018-2020
- Self-taught C# and Unity Engine, building two large-scale physics-based projects
- Mastered advanced programming concepts such as delegates, serialization, and polymorphism

Additional Experience

Assistant Store Manager   2016-2018
Quick Quack   *Tomball, Texas*
- Resolved interpersonal conflicts in a team of eight
- Delegated tasks according to team members' skill levels during high-pressure situations

Education

Bootcamp Certificate   2020-2021
University of Texas Austin   *Austin, Texas*
- Honed existing programming aptitude and developed new technical skills in 24-week rigorous program covering MERN Full Stack Web Development
- Skills acquired include HTML5, CSS3, JavaScript, jQuery, Node.js, React.js, MySQL, Sequelize, MongoDB, Mongoose, and Handlebars