



MARTIN SZAUER

Contact

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Education

University Of South Florida
B.S. in Business Management
Leadership Minor

Skills

Fluent in Hungarian and English
C#, Git SCM,
Datastructures.
Linear Algebra,
Collision Detection,
OpenGL

Interests

Programming
Personal Fitness
Cooking
Comic Books

About me

I have always had an interest in video games and appreciate games as a form of art. From consoles to computers and mobile games, I try to keep up to date with the current trends including the new AR / VR.

Being passionate about games, I decided to learn how to program. I am proficient in C#, OpenGL, 3D Math with a focus on Linear Algebra.

Projects

Dungelot Clone

<https://github.com/Mszauer/DungeonCrawler>
Using C# and OpenTK a dungeon crawler with minesweeper mechanics. randomly generated, user data is serialized to disk.

Mario World 1-1

<https://github.com/Mszauer/Mario-World1-1>
A clone of super mario world, level 1-1. Implemented tile based culling, level serialization and tile based enemy ai.

Bejeweled Clone

<https://github.com/Mszauer/WinformGames/tree/master/Bejeweled>
Created a clone of bejeweled, using C# winforms. All animations and effects are done trough code.

Work Experience

Fitness Staff, Campus Recreation USF 08/14-06/16
Provide general fitness information and assistance
Maintain a clean and safe facility

Research Assistant, University of South Florida 08/13-08/14
Conduct research trials and record results
Interact with patients, and draw blood samples

Technicians Project Manager, USF Health 10/12-03/13
Assist lead engineer in daily duties
Deliver sensitive content to USF Health employees

Head Technician Assistant, Cape Veterinary Practice 03/13-08/13
Handled sensitive information and assisted veterinarian on hand
Treated animals for various vaccinations, surgeries and wounds

Organizations / Activities

Pi Kappa Alpha

Brother of Zeta Pi Chapter
Held executive positions: Judicial Board, Invernal Vice President

Leadership

USF Ambassador - Ambassadors are the liaisons between the alumni and student body. We work directly with all of the offices on campus ranging from the different Colleges to the President's Office. At events we update Alumni on current happenings, and network with the various attendees.