

Brett Johnson

Software Engineer | Seattle, WA

✉ brett@bybrettjohnson.com
🌐 code.bybrettjohnson.com
☎ 423-367-0855

C#, HTML, CSS, Javascript
Unity, iOS, Git, Linux

PROJECTS

Software Engineer - Thousand Threads

C#, Unity | 2015 - 2020

- Created this complex, positively rated video game over the course of five years. As the sole developer, I was responsible for all programming, design, art, audio, and writing.
- Designed and developed the character AI that drives non-player characters (NPCs) to dynamically act and react to what the player and other NPCs do in the world.
- Developed many other custom systems and tools including:
 - Jobs/quest system
 - Animal AI for predators and prey
 - Autosave system
 - Optimized senses systems
 - Compass and waypoint navigation
 - Crafting and item upgrades
 - In-game tools and weapons
 - Aim assist systems
 - Sound and music managers
 - Character model assembler
 - Menus and UI components
 - Text replacement system for localization

Software Engineer - Cube Run

C#, Unity | 2014

- Developed in two weeks, this was my introduction to C# and game development.
- Featured in the iOS App Store games section at launch (no longer available).

Developer - thousandthreadsgame.com

HTML, CSS, JavaScript | 2014

- Created an attractive and flexible marketing site to promote Thousand Threads.

Developer - amelianaire.com

HTML, CSS, Jekyll | 2014

- Coded my wife's portfolio website using Jekyll to allow for easier updates.

Developer - design.bybrettjohnson.com

HTML, CSS, JavaScript | 2013

- Created my design portfolio site and its uncommon UI using JavaScript and several plugins.

Developer - films.bybrettjohnson.com

HTML, CSS, JavaScript | 2012

- Awwwards.com winning site developed to showcase some of my video side projects.

RELEVANT WORK HISTORY

Software Engineer, Owner - Seamount Games

Seattle, WA | Jan 2015 - Present

- Created Thousand Threads, a complex, positively rated video game.

Developer, Designer - Freelance

Austin, TX | Jan 2014 - Dec 2014

- Designed and developed web sites for various clients.

EDUCATION

Digital Media - East Tennessee State University

Graduated | 2009