

# Brett Johnson

Software Engineer | Seattle, WA

✉ [brett@bybrettjohnson.com](mailto:brett@bybrettjohnson.com)  
🌐 [code.bybrettjohnson.com](http://code.bybrettjohnson.com)  
☎ 423-367-0855

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

## PROJECTS

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### 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
  - In-game tools and weapons
  - Animal AI for predators and prey
  - Aim assist systems
  - Autosave system
  - Sound and music managers
  - Optimized senses systems
  - Character model assembler
  - Compass and waypoint navigation
  - Menus and UI components
  - Crafting and item upgrades
  - Text replacement system for localization

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### 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).

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### Developer - [thousandthreadsgame.com](http://thousandthreadsgame.com)

HTML, CSS, JavaScript | 2014

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

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### Developer - [amelianaire.com](http://amelianaire.com)

HTML, CSS, Jekyll | 2014

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

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### Developer - [design.bybrettjohnson.com](http://design.bybrettjohnson.com)

HTML, CSS, JavaScript | 2013

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

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### Developer - [films.bybrettjohnson.com](http://films.bybrettjohnson.com)

HTML, CSS, JavaScript | 2012

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

## RELEVANT WORK HISTORY

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### Software Engineer, Owner - Seamount Games

Seattle, WA | Jan 2015 - Present

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

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### Developer, Designer - Freelance

Austin, TX | Jan 2014 - Dec 2014

- Designed and developed web sites for various clients.

## EDUCATION

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### Digital Media - East Tennessee State University

Graduated | 2009