

David Keyworth

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Portfolio at www.ablanknotebook.com

SKILLSET

JavaScript/TypeScript, Java, AWS, Python, C#, C++11, Lua, Ruby, SQL, MongoDB, Git, Unity Engine. Fast at picking up new languages

PROFESSIONAL EXPERIENCE

Amwell (Previously American Well), Boston MA, August 2012 to present, **Principal Software Engineer**

- Primarily working with Typescript-based frameworks, Angular for frontend, NestJS
- Automated test frameworks through Jest, Karma, Cypress, Gitlab CI integration
- Experience with mixed-purpose frontend JS/backend Java Spring/Lambda development of product features and bugfixes
- Principle engineer on responsive (mobile+desktop) webapps, using Flask, Angular 2.0+, Stencil, and framework-less CSS styling
- Directed company design talks on code separation principles and quality of code
- Tech Lead on multiple Angular-based user interfaces
- Experience teaching tools to newer engineers (eg, helping Git merge users become accustomed to rebasing, library reuse), as well as providing suggestions/reasoning around merge request improvements to colleagues
- Experience in pipeline management to deploy environments through AWS for testing
- Past experience with C++, in debugging a low-level Win32-based video client
- Frequently involved in debugging of release issues
- Team leadership experience, coordinating tests and task delegation to QA and other engineers

OUTSIDE PROJECT EXPERIENCE

Black Mesa (Remake of 1998's Half-Life, received 86 MetaCritic rating and ModDB's Mod of the Year), ~2007 to 2012, **Facials/Scene Choreographer**

- Provided detail to facial muscles and lipsyncing for basic lines
- Rigged player-aware scene triggers for choreographed NPC conversations in Hammer level editor

Personal videos and game jam projects, 2013-2018

- Self-taught experience animating skits and videos using hobbyist animation software, and writing small games for weekend Game Jams

EDUCATION

Rochester Institute of Technology, Rochester NY (grad. May 2011)

B.S. in Game Design and Development, Minor in Communications

Overall GPA: 3.4 Field of Study GPA: 3.4 (Honors)