

# Kevin Watters

## game designer / senior software engineer

full-stack polyglot startup veteran

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## Experience

### Floodwatch (<http://floodwatch.o-c-r.org>) (2015)

#### Senior Software Engineer, Freelance

Helped the Office for Creative Research in NYC build out Flask/Python infrastructure and a Javascript Chrome extension frontend for Floodwatch, their online-privacy-rights tool for fighting back against aggressive ad tracking.

### Vessel (<http://vessel.com>) (2013-2014)

#### Senior Software Engineer

Fifth employee and second engineer in well funded video startup taking on YouTube in the independent short-form video space. Built AWS infrastructure, web services, and front-end client code for a large-scale video streaming site in months, using Python, Flask, ffmpeg, coffeescript, and ReactJS.

### WebGL Independent Contract Work (2013)

Created an interactive WebGL 3D experience for a client's presentation on their history and roadmap. Constructed a 3D landscape with signposts alongside a mountain road, so that the "journey" takes you to each stop along the company's history. Used Javascript and ThreeJS.

### Game Engineering Contract Work (2013)

Working in tandem with a game designer, engineered from scratch a prototype of a card battle game, using MOAI and Lua.

### Tagged, Inc. (2011-2012)

#### Senior Software Engineer, DevTools

Worked in an internal strike team with Python, NodeJS, and PHP to bootstrap and provide tools and leadership for continuous delivery and TDD within the larger engineering organization.

#### Senior Software Engineer, Games

Spearheaded modern and lean Javascript with a homebrewed framework sharing code between the

client and server, along with a highly scalable PHP backend, to deliver a social game to millions of users in record time—9 1/2 weeks.

## **Digsby (2008-2011)**

### **Software Engineer/Startup Generalist**

Joined the startup Digsby (<http://www.digsby.com>) at its inception, and worked with 6 others to develop a multiprotocol social networking and instant messaging desktop client from scratch.

Gained extensive Python and C++ experience delivering a new Windows WebKit port embedded in a highly usable and functional desktop app to hundreds of thousands of users.

## **Education**

Rochester Institute of Technology – Rochester, NY

BS in Computer Science, Mathematics minor, May 2008

*References available upon request.*