

**Rob [Brackett]** is a software engineer and consultant helping software organizations design, plan, and build better user and developer interfaces and documentation. **He hopes to build software that truly connects with and helps people.**

## *[Recent Work History]*

**Brackett Development** / San Fran, CA  
*Owner, 2014-Present*

- Consulted with small startups to large firms, like Apple, focusing on UI, mapping & GIS, and technical documentation.
- Helped client develop, release, and contribute to open source projects.
- Assisted clients in creating continuous integration testing workflows including unit and integration tests and tooling.

**Code for America** / San Francisco, CA  
*Fellow, 2012*

- Worked with the Chicago government and its vendors to build public access API for submitting and reporting on city services.
- Organized “Chicago IdeaHack” to join up programmers & community organizers.
- Worked with the Chicago government to promote use of open-source tools developed by citizen developers in the city (both internally and publicly).

**Appcelerator, Inc.** / Mountain View, CA  
*UI Engineer, 2009–2010*

- Designed and built new coding and debugging tools for use with Titanium SDK.
- Designed and built front-end for software analytics integrated with the Titanium SDK.
- Served as the resident JavaScript language expert, helping to guide API design decisions towards a more “JS-native” feel.
- Led an effort to unify and organize Appcelerator’s web-based services for better development, deployment, and reliability.

**Editorially, Inc.** / Brooklyn, NY  
*Engineer, 2012-2014*

- Built complete JavaScript implementation for collaborative text-editing web app.
- Created unique web-based text editor to show more expressive syntax previews than existing editors (e.g. CodeMirror, ACE).
- Contributed to back-end API design, development for document versioning and commenting systems.

**Apple, Inc.** / Cupertino, CA  
*JS Frameworks Engineer, 2010–2011*

- Worked with a team to build and launch versions 1.0 through 2.0 of iAd Producer.
- Contributed to internal JavaScript Frameworks for building extremely rich web content (focusing on smooth, native-feeling animation and data binding).
- Built new internal tools for interfacing with JavaScriptCore via Objective-C/Cocoa.
- Assisted third-party devs working on ads and ran workshops across the country.

**Involution Studios** / Sunnyvale, CA  
*Lead Engineer, 2007–2009*

- Developed prototypes of desktop and web-based software envisioned by design teams.
- Educated client engineering teams on new software architectures, development patterns, tools, and methodologies.
- Directed a team in developing a general purpose UI framework for a leading a computer security company.
- Developed WYSIWYG web page editor.



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## *[Selected Open Source Work]*

- EditorConfig-TextMate: A plugin for the TextMate text editor that adds support for .editorconfig files.  
<https://github.com/Mr0grog/editorconfig-textmate>
- Snap-It-Up: Monitoring database/dashboard that tracks the uptime and availability of state SNAP (food assistance) programs.  
<https://github.com/codeforamerica/snap-it-up>
- SRTracker: The City of Chicago's official open source web site for tracking fulfillment of 311 service requests.  
<https://github.com/codeforamerica/srtracker>
- SmartKeyboarding: Safari extension to enable automatic smart quotes and other typographic niceties in text boxes.  
<https://github.com/Mr0grog/SmartKeyboarding>
- Newless: A JS library enabling constructors to be called without the `new` keyword.  
<https://github.com/Mr0grog/newless>
- p12-to-pem: Extract the private key from a PKCS12 (.p12) file.  
<https://github.com/imgix/p12ToPem>
- Crossfilter-Multigroup: A plugin for the Crossfilter library that adds support for sorting records into multiple groups when grouping on fields that are arrays.  
<https://github.com/opencounter/crossfilter-multi-group>
- Crossfilter-Time-Series-Group: A plugin for the Crossfilter library that ensures grouping a date field creates a continuous series of groups over a date range, rather than only groups for dates that appear in a data set.  
<https://github.com/opencounter/crossfilter-time-series-group>
- Nodetiles: Render rasterized map images or tiles from any source of vector map data and styling information.  
<https://github.com/nodetiles>
- SparkXML: JS library for parsing XML according to the "Spark" convention.  
<https://github.com/codeforamerica/node-sparkxml>

Github: <https://github.com/Mr0grog>

NPM: <https://www.npmjs.com/~mr0grog>

## *[Education &c.]*

BS in **New Media Information Technology** with a minor in **Japanese Language**  
Rochester Institute of Technology, Graduated November 2005; **3.92** GPA  
Dean's List 2002–2005, RIT Outstanding Undergraduate Scholar



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