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| **Dan Levy**  [dan@danlevy.net](mailto:dan@danlevy.net)  720-937-8100 |
| [www.danlevy.net](http://www.danlevy.net/) [twitter.com/justsml](https://twitter.com/justsml) [github.com/justsml](https://github.com/justsml) |
| **Devout Coder ◘ Effective Perfectionist ◘ Teacher & Mentor**  **Dev Consulting ◘ Performance Solutions ◘ Open Source Fan** |

**Professional Overview**

Dan has 15 years of extensive professional software experience. Including expert UI/UX design, coaching/mentoring, team management, architecture & design, performance tuning, and security audits.

As an active contributor to numerous Open Source projects, Dan has established himself as a unique problem solver, responsive to feedback, ever learning. From the significant scope & range of his projects, Dan pulls from a deep bench of experience to apply the best strategy or tool in any given circumstance. Dan closely follows changes across the Information Technology landscape: learning new languages, methodologies, patterns, and adapting to different code styles.

A strong desire to collaborate & share knowledge led Dan to become a Docker Mentor, often engaging in discussions on Github.com and their Slack forum. Last year Dan joined the NodeJS Team as a Member/Contributor and has shown a penchant for advancing his JavaScript proficiency.

With 4+ years of DevOps experience on several cloud providers, in mixed cloud, hybrid cloud, and even private cloud, Dan has a proven track record leading migrations and scaling efforts.

In his free time Dan tinkers with hobbyist micro-electronics (Arduino and Raspberry PI). As a competitive coder, he's been ranked at **#150 in 'Statistics and Machine Learning'** at [www.hackerrank.com](http://www.hackerrank.com/).

Dan writes on various sites across an extensive subject range, from programming patterns, language design, virtualization, scaling, security, robotics, Kanye West, US and British colonial history, and the value of a well placed Oxford Comma.

**Core Competencies**

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| **Advanced** | **Intermediate** | **Novice** |
| * JavaScript/NodeJS * Docker/Rancher * HTML5/CSS3 * ReactJS/ReactNative * Angular * Advanced SQL * REST API Design * Schema Design * Browserify/WebPack * Bash/sh Scripting | * Gulp/Grunt * Git/Github * Ansible * Scalable Architecture * Defensive Coding * Security Analysis * Python * Test Automation * Drone CI * Jenkins | * Ruby * Vagrant * Chai * Gerkin * Rust * R * Haskell * Julia * Go * Tensorflow |

**Work Experience**

***Senior Architect – Elastic Suite (January 2016 – May 2017)***

* Managed rapid growth as server count increased from 5 to 200.
* Implemented Continuous Integration pipeline.
* Reduced overall server operating costs with Docker and Rancher.
* Oversaw security risk assessment & mitigation.
* Provided training & mentoring to growing development team.

***Co-owner & Lead Developer – Property X-Ray (December 2013 – Present)***

* Conceived and created new technology platform for the Title Insurance industry.
* Completed bi-annual security audits w/ partners.
* Created hybrid product, both cloud and on-premises.

***Partner & CIO – Core Title Colorado, LLC. (Dec. 2013 – Nov. 2016)***

* Designed a new kind of all-encompassing digitized workflow. *Title Insurance was stuck in the 90's.*
* Met requirements from ever changing regulations.
* Consulted with partners on product design, functionality and implementation.
* Developed an in-depth technology strategy.
* Led tech transition during acquisition.

***Lead Architect – Hillside Software, Inc. (15 Years - Mar. 1999 to Sep. 2014)***

* Hired and trained developers and IT personnel.
* Implemented entire new products and features.
* Oversaw ongoing product maintenance and bug fixes.
* Maintained SLA/performance.
* Validated security with internal/external audits.

**Education**

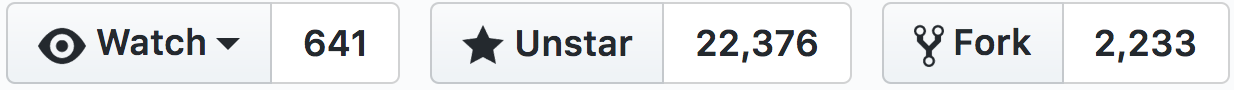
University of Denver (August 2002-2003, 2006-2007)

***Major:*** Business Law *(Please don't hold it against me,* ***I build things now****)*

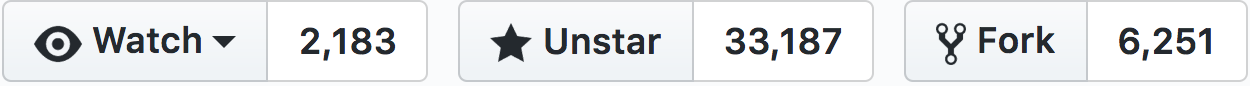
***Minor:***Philosophy, US & British History, and Organic Chemistry.

Before completing all required credits, Dan was drawn into the startup lifestyle with complete and total dedication (i.e. dropped out).

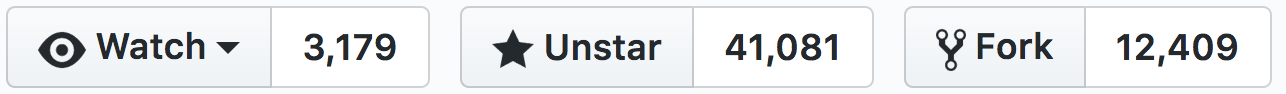
**Open Source Contributions**

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| A modern JavaScript utility library delivering modularity, performance, & extras. Lodash is one of the most successful JavaScript libraries ever. Beating the likes of Underscore and jQuery.  **Contributions:** Extended ArrayBuffer support, in collaboration with [John David-Dalton](https://github.com/jdalton). | |

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| NodeJS helped boost JavaScript into being the 'most ubiquitous language.'  **Contributions:** Dan has provided key feedback & code on the URL parser re-design & strategy. As a contributing member of the organization, he regularly consults with Core team members. | |

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| Docker is an open platform for developers and sysadmins to build, ship, and run distributed applications, whether on laptops, data center VMs, or the cloud.  **Contributions:** Dan enhanced OS detection in the install script. Dan was recently named a Docker Mentor and can often be found helping at local meetups. | |

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| Grunt is one of the most successful build tools in the NodeJS ecosystem.  **Contributions:** Working closely with Dave Methvin, Dan improved the user experience around the console output & 3rd party tools. | |

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| Nodejitsu's popular HTTP Proxy library is used in 100's of libraries on NPM.  **Contributions:** Nodejitsu's founder, Charlie Robbins, worked with Dan and others addressing documentation omissions. | |

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| Mongoose is one of the most popular Object Data Model libraries for MongoDB.  **Contributions:** Working with project leaders, I used github.com to discuss and identify desired API specification for extending the base classes *Model* and *Query*. I implemented the features & required tests working together with Valeri Karpov (of MongoDB) and others. | |

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Resume CLIis the command line tool for [JSON Resume](https://jsonresume.org/), the open source initiative to create a JSON-based standard for resumes.

**Contributions:** Dan aided in simplifying command line options & enhancing documentation.

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| Bluebird is one of the most widely used replacement for native Promises.  **Contributions:** Dan has submitted several PRs over the years, and is a vocal proponent of better Promise usage. | |

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| Mingo harnesses the power of MongoDB-style queries and allows direct querying of in-memory javascript objects in both client and server-side environments. This library is self-contained and has zero-dependencies  **Contributions:** Performance overhaul improved performance in tests 70%. Completed over a long weekend; a series of PRs highlights Dans potent ability to quickly demonstrate various 'competing' patterns to project stakeholders. | |

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| Rancher is a powerful Docker administration platform.  **Contributions:** Aided in the resolution of a number of issues, touching on storage, upgrades and scaling. | |

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| In-view is a widely used library for reliable DOM position information across many mobile and desktop platforms/browsers.  **Contributions:** Submitted code to aid in resolving edge issues with the Safari browser. | |

**Achievements**

**2016 -** [HackerRank.com](http://www.hackerrank.com/) – 1,000's of developers actively competing

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| Artificial Intelligence | Algorithms |
| **Rank: 148** | **Rank: 10,546** |
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**2016, Summer -** The inventor of JavaScript, Brendan Eich, liked a tweet of mine about JavaScript architecture & language design!