

# Matthew G. Belisle

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## Job Interests

- Software engineering
- Japanese to English translation

## Experience

- *Software Engineer* (Mar. 2012 to present)  
Workiva, Dev Team (Bozeman, MT, <https://www.wdesk.com/>)
  - Wrote a Python module to render our app's XML based charts as PDFs, SVGs, and PNGs
  - Wrote AngularJS components for an HTML5 canvas based document viewer
  - Wrote a Go package to deliver typesetting data over a REST interface
  - Migrated many services in Dart, Go, and Java from REST and Websockets to Thrift
  - Implemented OAuth2 exchanges for many apps, both browser side and server side
  - Wrote a Workiva specific JWT/OAuth2 lib from Go's stdlibs
- *Technical Support Engineer* (Mar. 2010 to Feb. 2012)  
RightNow Technologies, Customer Care Department  
(Bozeman, MT, <http://www.rightnow.com/>)
  - Provided technical support for RNT's proprietary web framework (both PHP and JS side)
  - Provided general technical support for Japanese clients in Japanese
- *Web Programmer* (Dec. 2008 to Feb. 2010)  
Elance (<http://www.elance.com/>)
  - Wrote a django app for an Australian real-estate company MAE Pacific
  - Wrote a django app and doubled as system admin for a Chinese travel agency Shanghai Joy
- *Japanese to English translator and technical editor* (Jun. 2006 to Feb. 2010)  
Excellence-English Editing (<http://www.excellence-english.com>)

## Education

- *Undergraduate* (Sep. 2006 through May 2009, not yet graduated)  
Montana State University Department of Computer Science  
(Bozeman, MT, <http://www.montana.edu/>)
  - Cumulative GPA of 3.64
- *Foreign Exchange* (Sep. 2007 through Aug. 2008)  
Kumamoto University Department of Mechanical Engineering  
(Kumamoto Prefecture, Japan, <http://www.kumamoto-u.ac.jp/>)
- *High School* (Sep. 2002 through Jun. 2006)  
The Oaks Classical Christian Academy  
(Spokane, WA, <http://www.theoaksc.ca.org/>)
  - Graduated with a cumulative GPA of 3.94

## Skills

- Expertise with Python, Go, App Engine, Datastore, Titan graph database, Thrift, MySQL, AngularJS, HTML5, and Android SDK
- Familiarity with Git, Node, Docker, Grunt, Bower, Gulp, Browserify, some other dev tools
- Familiarity with Linux things like Apache, Lighttpd, Systemd, Avahi, BATMAN, package creation (Archlinux only)
- Enjoys bacon and crypto libraries on a weekly basis
- Experience locating and exploiting security vulnerabilities like XSS, XSRF, SQLI, and XXE

## Code Sample

<https://github.com/mgbelisle/science/blob/master/paxos-demo/main.go>