Trevor Stone

Boulder, Colorado – resume @ trevorstone.org
I am not currently seeking employment

Summary

- My mission is to write software which helps humanity and to learn from smart, creative people
- Interests include geography, human languages, cognition, user experience, and data visualization
- Bachelor's and Master's Degrees in computer science, minor in philosophy
- Experienced with Java, JavaScript, HTML, CSS, SQL, NoSQL, Linux, big data, text processing
- Familiar with C, C++, Go, Julia, Lisp, Perl, PHP, Python, Ruby, and many open source tools

Experience

Google, Inc.   Boulder, CO
Staff Software Engineer   Nov, 2009 – Present
- Google Drive: Tools to store, organize, and share files; Java and JavaScript
- Worked on Drive UI, Drive Viewer, video playback, downloads, and server architecture
- Wrote pipelines and crafted dashboards to measure and understand product usage
- Educated cross-functional stakeholders on query and analysis tools for internal data sets
- Monitored and maintained production services used by hundreds of millions of people
- Led migration and turn-down efforts for a critical legacy service, easing operational load
- Reviewed hundreds of design documents and thousands of source changes
- Interviewed $\sim$ 200 engineering candidates; served on weekly hiring committee

Tyler Technologies, Inc.   Lakewood, CO
Software Engineer   Feb, 2004 – Apr, 2009
- Eagle products: Java-based enterprise applications for county recording, appraisal, and tax offices
- Designed, implemented, debugged, and refactored code at all levels
- Implemented information extraction from OCR text to save data entry time
- Lead developer for GIS architecture and UI, built on GeoTools API
- "Go-to-guy" for complicated problems, design/code reviews, theoretical wisdom

UNAVCO, Inc.   Boulder, CO
Contractor   May, 2003 – Jan, 2004
- Implemented *Jules Verne Voyager Jr.* and other Earth science web map tools
- Perl/CGI server, HTML/CSS/JavaScript client

Education

University of Colorado   Boulder, CO
Master of Science – Computer Science   Aug, 2001 – Dec, 2003
Bachelor of Science With Distinction – Computer Science   Aug, 1998 – Dec, 2003
- GPA 3.8 out of 4.0
- Minor in Philosophy; president of Philosophy Club 2000–2001
- Leader in engineering, spiritual, and political student groups

Activities and Hobbies

- Black Rock Ranger, Burning Man, 2009–present, public safety and peer counseling
- Resident Advisor, University of Colorado Department of Housing, 2001–2003
- Vice President, Tau Beta Pi engineering honor society, Colorado Beta chapter, 2002–2003
- English master, intermediate Spanish speaker, Chinese novice, amateur linguist
- Digital photographer, game player, world traveler, wearer of many hats