

Summary

- My mission is to write software which *kicks ass* and learn from smart, creative people
- Interests include geography, artificial intelligence, human and programming languages, and cognition
- Bachelor's and Master's Degrees in computer science, minor in philosophy
- Experienced with Java, Perl, C, SQL, WWW, Swing, Linux, MacOS X, text processing
- Familiar with assembly, C++, Cocoa, Io, JavaScript, Lisp, PHP, Python, Ruby

Experience

Tyler Technologies, Inc.

Lakewood, CO

Software Engineer

Feb, 2004 – Apr, 2009

- EagleSoftware: Java-based enterprise application for county government offices
- Designed, implemented, debugged, and refactored code at all levels:
 - Swing framework, client views, business logic, core services, persistence layer, data conversion
- Implemented information extraction from OCR text to save data entry time
- Lead developer for GIS architecture and UI, built on GeoTools API
- Worked directly with key clients on requirements gathering and project implementation
- “Go-to-guy” for complicated problems, design/code reviews, theoretical wisdom

UNAVCO, Inc.

Boulder, CO

Contractor

May, 2003 – Jan, 2004

- Implemented Voyager Jr. and other Earth science web map tools
- Perl/CGI server, HTML/CSS/JavaScript client

University of Colorado

Boulder, CO

Senior Software Engineering Project

Sep, 2001 – May, 2002

- Worked in 5-person team to design and implement computer game
- Client-server architecture with graphical interface, written in Perl/Tk

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
- Advanced coursework included

Machine Learning	Cognitive Science	Algorithms
Speech Recognition	User Interface Design	Network Systems
Artificial Intelligence	Object Oriented Design	Operating Systems
Natural Language Processing	Programming Languages	Unix System Administration

Activities and Hobbies

- Resident Advisor, University of Colorado Department of Housing, 2001-2003
- Vice President, Tau Beta Pi engineering honor society, Colorado Beta chapter, 2002-2003
- President, Philosophy Club, 2000-2001
- Black Rock Ranger, Burning Man, 2009-
- English master, intermediate Spanish speaker, Chinese novice, amateur linguist
- Digital photographer, game player, world traveler, wearer of many hats