

## Summary

- My mission is to write software which *kicks ass*
- Interests include GIS, artificial intelligence, human and programming languages, and user interfaces
- 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 – present

- 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
- Lead developer of GIS and OCR/automatic indexing modules
- 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 – May, 2002

- 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

- Vice President, Tau Beta Pi engineering honor society, CO B chapter, 2002-03  
Authored and presented a bid to host the national convention
- President, Philosophy Club, 2000-01
- Resident Advisor, CU Department of Housing, 2001-03
- Teaching Assistant for Data Structures course, Fall 2002
- Digital photographer, hot spring enthusiast, wearer of many hats