

Zachery Tillotson

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Qualifications

- **Matured, hard working** – Have spent two years excelling in professional capacity while also attending graduate classes and additional research related projects
- **Self motivated** – Driven by interest in artificial intelligence to build a web service which intelligently suggests movies by applying machine learning to preferences
- **Highly Skilled** – Professional experience provides superior ability in application of theoretical algorithms

Education

Graduate School, Non-Degree , Colorado School of Mines, 2009

- Course: Data Mining with Yong Bakos

B.S. Colorado School of Mines, Golden, Colorado, 2007

- Major: Mathematical and Computer Sciences, Emphasis: Computer Sciences
- Course Highlights:
 - Artificial Intelligence with Dr. Roman Tankelevich
 - Learning focused on intelligent optimization algorithms
 - Applied algorithms to create self-playing Tetris game
 - Field Course with Dr. Cyndi Rader and Dr. Roman Tankelevich
 - Created a software simulation of hardware to aid in cheap, automated, and precise testing for Medtronic Navigation

Professional Experience

Software Developer, Sun Microsystems

November 2007 – Present

- Developed web reporting tools for Sun's Business Intelligence group
- Responsible for large database management involving the aggregation and normalization of diverse data sources

Contract Release Engineer, Evergreen Research

July 2007 – November 2007

- Developed source management scripts to facilitate quality coding

Additional Experience

www.CriticComrade.com

- Continued interest in artificial intelligence lead to the development of an applied machine learning website
- Collaborative filtering (like Amazon.com uses) suggests movies to users
- Large size: 50,000+ distinct reviews