

# Zachery Tillotson

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## Qualifications

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- **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 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

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### **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

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### **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

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### **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