

**Education**

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**Stanford University: MS in Electrical Engineering****Stanford, CA**

Focus: Dynamic Systems and Optimization

GPA: 4.0

September 2011 – June 2012

**Stanford University: BS in Computer Science****Stanford, CA**

Focus: Machine Learning and Internet Security

GPA: 3.6

September 2008 – June 2012

**Programming Languages:** C, C++, Java, HTML, CSS, JavaScript, Python, Haskell, Excel**Honors Thesis Topic:***The Ethical Responsibilities of the World Intellectual Property Organization:**A Case Study of the TRIPS Agreement on International Patent Regulation***Stanford University: BS in Mathematics****Stanford, CA**

Focus: Real Analysis and Number Theory

GPA: 3.6

September 2008 – June 2012

*Courses Taken:* Linear Dynamical Systems, Probabilistic Graphical Models, Convex Optimization, Natural Language Processing, Analysis, Partial Differential Equations, Machine Learning, Cryptography, Complexity Theory, Networking, Compilers, Linear Algebra

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**Industry and Teaching Experience**

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**Stanford Computer Science****Stanford, CA***Section Leader*

September 2009 – Present

Responsibilities include grading assignments, administering exams, conducting weekly lecture sessions and holding office hours. Currently responsible for the recorded section that is broadcast to professionals enrolled in Stanford computer science courses all across the world.

**True North Logic****Salt Lake City, UT***Software Engineer*

June 2009 – September 2009

Worked to develop a more efficient and intuitive user interface for secondary school instructors to use while filling out continuing education information. Worked with over ten school districts in a variety of states - New York, Hawaii, Utah, and California.

**Makris/White Real Estate****Salt Lake City, UT***Real Estate Agent*

June 2008 – Present

A licensed Realtor in both Utah and sister states. Been involved in over fifteen buyer/seller transactions of residential, agricultural, and commercial properties. Have worked with mineral and water right agreements, timbering agreements, and hunting/recreational contracts.

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**Research Experience**

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**Stanford Natural Language Processing Lab****Stanford, CA***Research Assistant*

Ongoing

Worked to model IP litigation cases as a relational classification problem using conditional random fields. The current model has been able to correctly predict the outcome of IP cases with 83% accuracy. A working paper will be submitted to ACL 2013.

**Stanford Journal of Human Rights: Six Degrees****Stanford, CA***Editor-in-Chief*

August 2010 – May 2011

Managed a team of twenty designers and copy editors. Oversaw the journal's \$30,000 budget and performed final proofing of all articles.

**2<sup>nd</sup> International Conference on Nuclear Physics and Applications****Ulaanbaatar, Mongolia**Presented: *Nuclear Alternatives: The Economics of Nuclear Power Generation in Developing Nations*

July 2010

Researched the current state of the Mongolian energy infrastructure for 10 weeks, traveling throughout the country to both coal and nuclear mining facilities. Presented results both at Mongolia's premier energy conference and to the Mongolian Energy Authority.

**13<sup>th</sup> World Business Dialogue****Cologne, Germany**Presented: *The Economic Aftermath of the American Real Estate Collapse on International Markets*

March 2010

Presented empirical results collected by the Salt Lake Board of Realtors on the influence sub-prime lending had during the 2008 housing crash. Met with more than 30 CEOs in a student-professional dialogue and discussed ways to stabilize the current real estate market.

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**Awards and Honors**

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- ❖ State of Utah Award of Academic Excellence
- ❖ 2<sup>nd</sup> Place in Computer Science at Intel International Science and Engineering Fair
- ❖ Member of Stanford IEEE and Stanford ACM

- ❖ Fluent in English and Greek, Studying Spanish
- ❖ Financial Officer of Stanford Polo Team
- ❖ Varsity member Stanford Mock Trial
- ❖ Tutor for Stanford Computer Forum