

# Holden Tran

(312) 221-4712 · holdentran2007@u.northwestern.edu

---

## Qualifications

---

Meticulous, organized individual with excellent work ethic. Background includes cooperative work on lengthy research projects. Responsible for both numerical and analytical aspects of projects, including extensive coding and critical thinking. Quick to learn and apply new concepts.

## Education

---

**Northwestern University** Evanston, IL

Bachelor of Arts in Mathematics · Minor in Chinese Language and Culture · Graduated *cum laude* June 2009

Cumulative GPA: 3.81/4.00

## Experience

---

**HTutoring** Diamond Bar, CA

Owner and Private Math Tutor (August 2013 – Present)

- Instruct and guide students through the rigors of their math classes.
- Instill an individualized level of confidence in math within each student.
- Provide a positive learning atmosphere that encourages critical thinking and questioning.
- Create full proprietary curricula for subjects ranging from algebra to calculus using LaTeX.
- Communicate with parents about their child's progress in math.

**West Loop Press** Chicago, IL

Printing Manager (July 2012 – May 2013)

- Operated and troubleshoot commercial printers and booklet makers to fulfill purchase orders in an efficient and timely manner.
- Processed and delivered weekly order shipments of over \$10,000 in value.
- Delegated tasks and duties to helpers and assistants to maintain a steady workflow throughout all shifts.
- Provided weekly production reports and analysis on output and waste.

**Carr Academic Coaching** Chicago, IL

Tutor and Education Consultant (September 2011 – May 2012)

- Tutored struggling high school students in mathematics, the hard sciences, the social sciences, history, English literature, and foreign languages.
- Organized the academic life of students by providing a comprehensive assessment of their daily assignments and general workload.
- Designed supplementary worksheets for students preparing for the ACT math section and other math tests.

**Sole Proprietorship** Chicago, IL

Private Math Tutor (September 2011 – June 2013)

- Tutored students of all ages in math subjects ranging from middle school math to calculus.

**Homeschooling Gifted Students** Evanston, IL

MathCounts Coach (September 2011 – March 2012)

- Developed a curriculum to train and prepare a group of homeschooled middle school students for the yearly MathCounts competition.
- Promoted a learning environment that encouraged and rewarded both teamwork and individual achievement.

**Mathnasium** Diamond Bar, CA

Lead Instructor (December 2009 – June 2011)

- Tutored at-risk pre-algebra to calculus students in local elementary schools and high schools, achieving marked improvements in students' number sense abilities and overall academic progress.
- Assisted in the daily operations of the learning center, resulting in more efficient workflow and enhanced client communication.
- Advised the center director on curricular and administrative matters with enrollment tripling over the course of one school year.

**University of Arizona** Tucson, AZ

Researcher (July 2008)

- Participated in the 2008 VIGRE Arizona Summer Program on computational group theory.
- Worked collaboratively to create a code that extended the known classification of finite groups based on their strong symmetric genera.
- Co-authored a published article in the Houston Journal of Mathematics that presented new and original results generated from the group project.

**Arizona State University** Tempe, AZ

Researcher (June 2007 - August 2007)

- Participated in the eight-week MTBI (Mathematical and Theoretical Biology Institute) program.
- Conducted extensive group research on the mathematical dynamics of the Three-Strikes Law in Los Angeles County using an epidemiological model as the basis of investigation.
- Compiled a 45-page analysis that detailed findings and conclusions.
- Presented research at MathFest 2007 in San Jose, CA. (MathFest is a national summer conference on mathematics sponsored by The Mathematical Association of America.)

**Skills**

---

- Proficient in Microsoft Word, PowerPoint, Excel, Google Docs, and LaTeX.
- Capable of typing at 100+ wpm with a high degree of accuracy.

**Honors and Awards**

---

- Member of Golden Key International Honor Society and Pi Mu Epsilon Honorary Mathematics Society.
- Recipient of the Thomas M. & Louise F. Blake Scholarship for overall academic achievement, 2007-2008 and 2008-2009 academic year.
- Recipient of the J. G. Nolan Scholarship for overall superior scholarship, 2008-2009 academic year.
- 12 years of perfect attendance in the Chicago Public School system.