

Erich M. Nika

erichnika1114@gmail.com

Creative, Analytical, Passionate, Reliable, Team-Player

(630) 432-1893

Hardworking, team-oriented individual seeking a meaningful position in a professional environment where I can apply my technical and problem-solving skills to contribute to company success.

Education

University of Illinois at Chicago

Bachelor of Science, Mathematics and Computer Science
Minor in Physics

2016 - 2020

GPA: 3.85/4.0

Magna Cum Laude

University of Illinois at Chicago

Master of Science, Mathematical Computer Science

Currently Enrolled

Expected graduation: Dec 2021

Knowledge & Skills

- ❖ Advanced Mathematics, Physics
- ❖ Python, C++, SQL
- ❖ Windows, Linux
- ❖ MS Excel, MS Word, MS Powerpoint
- ❖ Javascript, HTML5, CSS
- ❖ MATLAB/Octave, LaTeX

Relevant Experience

Argonne National Laboratory - Intern

May 2020 - July 2020

- Developed Python applications for The Department of Energy Systems Biology Knowledgebase (Kbase).
- Evaluated statistical correlations of large data sets.
- Applied Random Matrix Theory to distinguish between true correlations (signals) vs. noise in the data.

University of Illinois at Chicago - Research Assistant

Jan 2020 - April 2020

- Worked with a team to analyze various combinatorial games.
- Designed and implemented software (Python) to determine optimal game strategy.

Argonne National Laboratory - Student Researcher

Feb 2016 - June 2016

- Conducted research on the properties of alpha, beta, and gamma radiation.
- Contributed results to Argonne's annual Summary Site Environmental Report.

Other Work Experience

Claim Consultants LLC - Sales Representative

May 2015 - September 2017

- Assessed commercial and residential property damage to determine if claim assistance was needed.
- Filed insurance claim process paperwork on behalf of homeowners.
- Coordinated with insurance adjusters to ensure accurate assessment of property damage.

Activities & Organizations

- ❖ Quantitative Trading Club (UIC)
- ❖ Math Club (UIC)
- ❖ Golden Key International Honours Society
- ❖ National Society Of Collegiate Scholars