

Erich M. Nika

Creative, Analytical, Passionate, Reliable, Team-Player

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(630) 432-1893

Hardworking, team-oriented graduate student seeking further internship experience to apply and refine my technical skills while contributing 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
- ❖ Javascript, HTML5, CSS
- ❖ Windows, Linux, Git
- ❖ Python, C++, SQL
- ❖ MS Excel, MS Word, MS Powerpoint
- ❖ MATLAB/Octave, LaTeX

Relevant Experience

Argonne National Laboratory - Intern

May 2020 - July 2020

- Developed web applications for The Department of Energy Systems Biology Knowledgebase (Kbase).
- Evaluated statistical correlations of large data sets (Python).
- 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.

Additional 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