Eunice Cho

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PROFESSIONAL EXAMS

SOA Exam P   Sitting January 2026
SOA Exam FM   Sitting February 2026

EDUCATION

University of Illinois at Chicago | B.S. in Mathematics and Computer Science   May 2026
- Concentration in Algorithms and Theory, Minor in Public Policy
- **Coursework:** Data Structures, Computer Algorithms, Industrial Math and Computation, Applied Statistical Methods, Applied Differential Equations, Policy Analysis, Business Project Management
- **Awards:** UIC Merit Tuition Award, UIC Tolerance Means Dialogue Scholarship

SKILLS

Technical Skills: Python (pandas, scikit-learn), R (tidyverse, ggplot2), C++, SQL, Git
Spoken Languages: English, Spanish (limited working proficiency)

PROJECTS

FitchGroup Codeathon 2025 | Data Engineer, Chicago, IL   November 2025
- Partnered with a team of 4 and developed a machine learning model in Python (pandas, scikit-learn) that predicts greenhouse gas emissions for non-reporting entities
- Awarded 3rd place for low margin of error of predictions

RELEVANT EXPERIENCE

University of Illinois at Chicago | Undergraduate Research Assistant, Chicago, IL   September 2025 – Present
- Advised by Dr. Gerard Awanou (Dept. of Mathematics, Statistics, and Computer Science)
- Tests and validates approximation methods to solve reflector problem modelled by Monge-Ampère equation

University of Illinois at Chicago | MSCS Research Laboratory Assistant, Chicago, IL   January 2025 – May 2025
- Advised by Evangelos Kobotis (Dept. of Mathematics, Statistics, & Computer Science)
- Programmed primality tests in Python in an undergraduate semester-long research project

University of Illinois at Chicago | Undergraduate Research Assistant, Chicago, IL   December 2023 – July 2025
- Advised by Dr. Mahesh Somashekhar (Dept. of Sociology)
- Cleaned and prepared datasets processed through OCR software, ensuring reliable geospatial analysis
- Developed summary statistics, visualizations, and aggregation methods of 100k-record datasets in R
- Coauthored short paper submitted to two conferences (EGOS 2025, ASA 2025)

WORKING PAPERS

Somashekhar, Mahesh, Giacomo Negro, Victoria Isaac, and **Eunice Cho**. "How Do Local Community Organizations Respond to Neighborhood Change? Examining the Reaction of Queer-Serving Organizations to the Gentrification of U.S. Gay Villages."