

# MICHAEL EULER

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## ACTUARIAL EXAMS

Passed Society of Actuaries Exam P/Casualty Actuarial Society Exam 1 (Probability), September 20xx

Sitting for Society of Actuaries Exam FM/ Casualty Actuarial Society Exam 2 (Financial Mathematics), February 20xx

## SKILLS

**Programming Languages:** C++, C, Java, Python, SQL, R, VBA, MATLAB, Mathematica

**Software:** Access, Excel, Word, PowerPoint, Publisher

## EDUCATION

**Bachelor of Science in Mathematics, Minor in Physics**, Expected May 20xx

The University of Kansas, Lawrence, KS

- **Academic Achievement:** 3.78 GPA / Dean's List, Spring 20xx - Fall 20xx
- **Relevant Coursework:** Complex Analysis Linear Programming and Optimization, Probability Algebraic and Analytic Number Theory, Geometry and Topology Partial Differential Equations, Sampling and Surveys Statistical Analysis
- **Study Abroad:** Completed semester-long study abroad at Universidad Latina de Costa Rica acquiring advanced Spanish skills

## PROJECTS

**ACT Curve Standardization:** Analyzed 5,000 data points for the past 7 years of ACT exams using Excel, and identified commonly missed questions and topics to improve teaching curriculum around statistical trends

**House Selling Price Using Multiple Regression:** Built multiple regression models for predicting sales prices of houses in Colorado Springs, CO by handling over 70 numerical and categorical variables in a data set; programmed in R to complete cross validation, non-linear transformation, and model verification for the data set

## EXPERIENCE

**Undergraduate Teaching Assistant**, Mathematics, August 20xx- Present

The University of Kansas, Lawrence, KS

- Answer students' questions during lecture to clarify concepts
- Coordinate with two undergraduate teaching assistants to conduct small lectures and individual student tutoring sessions to explain key topics
- Administer quizzes and midterms, grade class assignments, answer emails from students, and monitor attendance to assist faculty

**Actuarial Intern**, May 20xx - August 20xx

New York Life Insurance, New York, NY

- Completed calculations for annuities and life insurance contracts using Excel to evaluate risks, costs, and opportunities
- Collaborated with a full-time actuary on Prophet model enhancements and process documentation improvements
- Presented data to company leadership in meetings and through email communications to inform management decisions

**Tutor**, Academic Achievement and Access Center, August 20xx - December 20xx

The University of Kansas, Lawrence, KS

- Reviewed lecture material with students one-on-one for algebra and calculus courses based on individual needs to strengthen subject comprehension and reinforce study habits for academic success

## CAMPUS INVOLVEMENT

Secretary of KU Math Club, Treasurer for The University of Kansas Chapter of Society for Industrial and Applied Mathematics, Volunteer at KU Big Event, Volunteer for The KU Chapter of Best Buddies