

LUKE GEEL

Sudbury, Ma

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EDUCATION

University of Massachusetts - Amherst

Amherst, Ma

B.S. Mathematics - concentration in Statistics & Data Science

Sept. 2019 - May 2023

B.S. Economics

Major GPA: 4.0

COURSEWORK

- | | | | | |
|--------------------------------|------------------------------------|----------------------------|-------------------------------------|---------------------------|
| • Math Tools for Data Science | • Intro to SQL | • Mathematical Modeling | • Linear Algebra | • Micro & Macro Economics |
| • Intro to Data Science with R | • Intro to Computer Science (Java) | • Statistics & Probability | • Advanced & Multivariable Calculus | • Financial Mathematics |

EXPERIENCE

Parexel

June 2021 – Sept. 2021

Scientific Data Organization Intern

Newton, Ma

- Collaborated closely with data governance team to assist in projects and tasks
- Aided on machine learning style projects such as an automatic word processor program
- Helped build & communicate models to all levels of leadership company wide
- Used SQL to obtain and extract data from large databases

Conrad's Restaurant

Nov. 2016 – Sept. 2020

Host and Bus boy

Sudbury, Ma

- Maintained position all throughout high school year-round, 20-40 hours/week
- Gained ability to work independently in a fast-paced environment
- Communicated clearly and positively with coworkers, management and customers

SKILLS

Languages: Java, Python, SQL, R, MatLab

Developer Tools: L^AT_EX, RStudio, GitHub, Power BI, Microsoft Excel, Word, Powerpoint

EXTRACURRICULAR

UMass Amherst

March 2020 – Present

Sigma Chi Fraternity

Amherst, Ma

- Positions: Assistant treasurer, house manager, assistant new member educator

Clubs

- Member of math, snowboard, & chess club. Founder and VP of data science club.

PROJECTS

Sigma Chi Poker League

April 2021

- Created an international charity poker league for all Sigma Chi brothers & alumni.
- Helped develop and manage a website to maintain popularity.
- Currently raised over \$7000 for Huntsman Institute for cancer research.

Statistical Analysis of Effect of Covid-19 on UMass Amherst's Finances

Nov 2021

- Collaborating with an Econ major to present findings on how Covid-19 affected UMass' finances in 2020
- Building an easy to use website to showcase our findings, plan to get published in UMass newspaper
- Using R and stats skills to model, analyze, and predict UMass' financial situation, operating cost, revenue...

INTERESTS

- | | | |
|--------------------------------------|--------------------|--------------------|
| • Snowboarding | • Film & Reading | • Data Science |
| • Dual citizen (U.S. & South Africa) | • Entrepreneurship | • Animals |
| | • Real estate | • Machine learning |
| | • Poker | |