

Claire Crain

Lansing, MI

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

EDUCATION

B.A. Mathematics major with Theatre minor, Albion College May 2021

Albion College Honors · Summa Cum Laude · Phi Beta Kappa · Cumulative GPA 3.92

Honors Thesis - Casino Euchre: From the Midwest to Las Vegas

EXPERIENCE

Actuarial Analyst, Auto-Owners Insurance

Lansing, MI

June 2021- Present

Create pricing plans to help accomplish growth and profitability objectives.

- Utilize MySQL and Excel to create data queries and analysis, presenting the data to other departments in a digestible way.
- Analyze frequency, severity, and premium trends for purposes of projecting future losses based on historical loss data.
- Create reports to aid management in decision making regarding rates and ratemaking processes.
- Collaborate with team members through mutual feedback to create pricing plan proposals.
- Lead end-to-end project development, presenting information both written and oral to higher levels of management.

Student Researcher, Albion College

Albion, MI

Summer 2019 & Summer 2020

Conducted research to create an adaption of Euchre to a casino game.

- Utilized Java to program a Casino Euchre game simulation.
- Analyzed and adapted modified Euchre rules to create an optimal playing experience.
- Presented research to other researchers and faculty through three oral presentations and a written thesis.

Costume Shop Intern, La Musica Lirica

Novafeltria, Italy

Summer 2018

Supported a costume shop manager and costume designer for an Italian traveling opera program, developing costumes for three operas.

- Adapted to working in changing environments as the operas toured to different cities.
- Conducted timely, detail-oriented work.
- Oversaw the construction, organization and distribution for all costumes in Dialogues des Carmélites.

SKILLS

Excel, SQL, Pivot Tables, Google Sheets, Java, LaTeX, Tableau, and Python

PROFESSIONAL EXAMS

Society of Actuaries

Exam P — July 2020

Society of Actuaries

Exam FM — October 2021

AWARDS

Albion College Fellow
Award for Academic
Excellence

Helen Manning Award for
Excellence in Theatre

