

Julia Reel

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EDUCATION

University of Michigan School of Information

Ann Arbor, MI | Expected May 2023

Bachelor of Science in Information | Concentration on Information Analysis

GPA: 3.7/4.0, University Honors

Relevant Coursework:

- *Statistics and Data Analysis* (STATS 250) — gained an introductory understanding of statistical methods using an analysis-of-data perspective
- *Elementary Programming Concepts* (EECS 183) — learned introductory computer science and programming in C++, including introductory data structures, selection and iteration algorithms, basic object-oriented programming, and testing and debugging
- *Programming and Intro Data Structures* (EECS 280) — further developed an understanding of computer science fundamentals and programming in C++, including more advanced data structures, value and reference semantics, functional and data abstraction, and dynamic resource management

PROJECTS

Euchre Simulator | EECS 280

Winter 2021

- Wrote a program in C++ to simulate the card game Euchre, creating a player algorithm that competes against human players. Gained experience using abstract data types, object-oriented programming, and polymorphism.

Machine Learning | EECS 280

Winter 2021

- Designed and implemented a machine learning algorithm that identifies and classifies posts on the course Q&A forum according to subject. Utilized recursion, binary trees, templates, comparators, and the map data structure.

Creative AI | EECS 183

Fall 2019

- Utilized natural language processing and machine learning techniques to construct tweets imitating the style of tweets posted by celebrities. Created a program using n-gram language models and Python's spaCy library.

COMMUNITY LEADERSHIP & SERVICE

Tri Delta Team Captain

Ann Arbor, MI | Sep. 2019—May 2021

Dance Marathon at the University of Michigan

- Recruited donations for child rehabilitation programs at CS Mott Children's Hospital, collectively raising over \$200,000 in the 2019-2020 year
- Directed fundraising efforts among the Tri Delta team, increasing motivation and morale amongst members

Philanthropy Committee

Ann Arbor, MI | Mar. 2020—Apr. 2021

Delta Delta Delta Sorority

- Led sorority members in fundraising efforts for St. Jude's Children's Research Hospital
- Collaborated with fellow committee members in brainstorming, planning, and overseeing philanthropic events

Blood Drive Coordinator & Scholarship Recipient

Madison, CT | Sep. 2018—Aug. 2019

The American Red Cross

- Planned and independently directed an off-campus community blood drive, exceeding Red Cross donation goals
- Recruited donors and encouraged volunteer participation at in-school blood drives
- Managed student check-in table, assisted nurses, and ensured successful operation throughout the drives

Volunteer Tutor

New Haven, CT | Sep. 2017—Aug. 2019

New Haven Reads

- Provided weekly one-on-one tutoring instruction to students of various ages to help them improve their literacy skills and reach age-level reading standards

PROFESSIONAL EXPERIENCE

Host & Server

Branford, CT | Jun. 2020 - Aug. 2020,

The Stand Restaurant

May. 2021 - July. 2021

- Ensured a high standard of customer experience by greeting guests, efficiently managing table and waitstaff assignments, and maintaining the smooth operation and dining flow in the restaurant
- Handcrafted a variety of beverages and delivered food in a timely manner within a high-paced environment

Brand Representative

Clinton, CT | Nov. 2020 - Jan. 2021

Abercrombie & Fitch

- Adapted to customer needs and provided personalized shopping recommendations utilizing product knowledge
- Oversaw the store appearance by maintaining clothing organization and displays throughout the store

SKILLS

- C++ (basic proficiency), Python (basic proficiency), HTML/CSS (beginner), Microsoft Excel, Github
- Experience with machine learning, natural language processing, data manipulation and visualization