

# Lydia G. Cartwright

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## EDUCATION

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**Siena College**, Loudonville, NY  
*Bachelor of Science in Computer Science*  
*Minors in Data Science and Mathematics*

September 2019 – May 2023  
GPA: 3.91

### Achievements:

- Dean's List (Fall 2019, Fall 2020, Spring 2021)
- President's list (Spring 2020, Fall 2021, Spring 2022, Fall 2022)
- Member of Upsilon Pi Epsilon - Issued by Siena College Computer Science Department May 2022 – Present

Professional Memberships: Association of Computer Machinery (ACM)

September 2022 – Present

## EXPERIENCE

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**[s]Cube**, Schenectady, NY  
*Technical Intern*

October 2022 – Present

- Create SQL queries that pull information to generate client reports
- Build Crystal Reports to satisfy form requirements
- Collaborate and assist in team meetings to meet project deadlines

**Intelligent Retrieval**, Albany, NY

January 2022 – August 2022

*Research Intern – Under DARPA grant in partnership with GE*

- Made contributions to DARPA's Grounded Artificial Intelligence Language Acquisition (GAILA) program to aid in the development of AI that will learn language with visual and contextual cues
- Implemented new functionality to a Java Swing application system which uses image analysis results from GE partners to create a dialogue model that will confirm learned information
- Utilized Pandas Python library to organize data and analyze resulting output from our application

**Siena College**, Loudonville, NY

Summer 2021

*Research Intern – CURCA Summer Scholars Program*

- Contributed to the NIST TREC-IS Project with the goal of gaining insights from Twitter to support emergency service personnel during a crisis situation
- Utilized Java for text processing to structure data and prepare it for Machine Learning algorithms
- Employed Python for data visualization with the Pandas and Matplotlib libraries

**J. Spencer & Patricia Standish Library**, Loudonville, NY

September 2020 – August 2022

*Social Media Coordinator*

- Created infographics and visuals with Canva for the Standish Library Instagram account
- Demonstrated strong communication and creative skills making and scheduling posts

**J. Spencer & Patricia Standish Library**, Loudonville, NY

September 2019 – May 2020

*Library Assistant*

- Assisted in the management of the circulation desk
- Interacted with patrons to provide appropriate guidance and services

## SKILLS

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- **Proficient in:** Java
- **Knowledgeable in:** Python, Pandas and Matplotlib libraries, SQL, HTML, CSS, JavaScript, and Crystal Reporting.
- Excellent leadership, communication, problem-solving, and creative skills.