

# Sierra Cuthill

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## Experience

### Web Developer Intern CTV Buyer • East Greenwich, RI • Mar 2025-Present

- Built a dashboard application using Typescript and Java through React to support tools used by advertising publishers
- Set up automated database updates in background processes to ensure smooth and reliable data flow across the platform
- Created a campaign tracking tool using APIs (Application Programming Interfaces) to simplify ad campaign management and boost efficiency
- Developed an interactive heatmap using JSON (JavaScript Object Notation) data, allowing publishers to filter and explore multiple variables across states and regions
- Collaborated with a team of 5, working across both frontend and backend tasks, following a clear project roadmap and incorporating stakeholder feedback to deliver features aligned with business goals

### Restaurant Server Back 40 • North Kingstown, RI • Mar 2021-Present (Seasonal)

- Worked with a team of 8 waitstaff to deliver high-quality service in a fast-paced environment, consistently earning an average tip rate of 25%
- Proactively supported kitchen, bar, host, and barback teams to maintain smooth operations and ensure great guest experience
- Trained new staff on restaurant policies and procedures, and regularly stepped into a lead server role to support team performance

## Projects

### Data Dashboard Project

Syracuse University • Nov 2024

- Collaborated with a group of 5 students to design and publish a multi-page interactive HTML dashboard using Quarto and R/RStudio
- Curated, aggregated, and managed three datasets to create static and interactive plots to communicate data trends and patterns
- Created insights for hypothetical client and organized R project files to ensure the dashboard could be updated and maintained

### Movie Info Retrieval Python Project

Syracuse University • Feb 2024

- Developed a custom user interface that fetched movie from IMDB API, processed information from a list, and displayed it in a predefined format for seamless user interaction
- Conducted data cleaning and debugging to account for and minimize user errors
- Coded graphs that automatically updated based in backend data requests, providing real-time visualizations for end users

## Leadership

### VP New Member Experience

Alpha Gamma Delta Sorority • Jan 2024 - Jan 2025

- Designed a 6-week educational program for 100 new members by organizing and running weekly meetings, philanthropies, and lessons between active and new members
- Organized member class on custom excel platform and used python to create software to match big/little pairs based on individual preferences
- Resolved membership concerns, problems, and obstacles for new members and adjusted plans accordingly to retain 96% of new members
- Collaborated with 12 other members of the Executive Council to effectively run a not-for-profit chapter with 170 members

## Education

### Syracuse University

School of Information Studies

- B.S. Applied Data Analytics

Whitman School of Management

- B.S. Business Analytics

### Relevant Coursework

- Applied Data Science
- Data Management
- Visual Analytics
- Database Management Systems
- Adv. Business Analytics
- Data Mining for Business
- Information Security

## Skills

### Programming Languages

- Python
- R / RStudio
- Java
- Typescript
- SQL
- HTML

### Software

- MS Office Suite
- MS Project
- MS Access
- Adobe Illustrator
- Tableau
- Power BI

## Hobbies

- Baking
- Skiing
- Dancing
- Hiking
- Reading
- Camping