

Andrew Modrowsky

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EDUCATION

Cornell University, College of Arts and Sciences - Ithaca, NY

Graduation: May 2025

Candidate for Bachelor of Arts in Information Science and Government

GPA: 3.93

- **Honors:** Dean's List (All Semesters), Institute of Politics and Global Affairs Undergraduate Scholar
- **Relevant Coursework:** Object-Oriented Programming and Data Structures, Linear Algebra, Introduction to Data Science, Probability and Statistics, Text Mining in History & Literature, Data Science Applications in Political and Social Research, Intermediate Design and Programming for the Web

EXPERIENCE

Teaching Assistant, Intro. to Data Science | Cornell University

Jan 2024 - Present

- Mentor over 150 students in INFO 2950 - Introduction to Data Science, focusing on practical coding, statistics, and data science skills in R
- Conduct workshops in data visualization, data analysis, web scraping, and basic machine learning
- Lead weekly discussion sections, providing students with a forum to enhance their understanding of data science concepts

Undergraduate Researcher | Cornell University

Jun 2023 - Present

- Selected from a competitive pool of applicants for the Bowers Computing and Information Science Undergraduate Research Experience (BURE) for Summer 2023
- Aiding Assistant Research Professor Brennan Antone on new techniques in computational social science
- Utilize key elements of Network Theory to analyze structural dynamics within social media platforms
- Conduct data-driven textual analysis of interactions between key actors using R

Teaching Assistant, Intro. Web Design and Programming | Cornell University

Aug 2023 - Dec 2023

- Supported CS 1300 - Introductory Design and Programming for the Web, mentoring 350+ students
- Led interactive workshops and weekly discussion sections, fostering practical coding skills
- Collaborated with peers and professors to align course content to prepare students for web programming in information technology
- Guided students in XHTML, CSS, and PHP, enhancing web technology proficiency

LEADERSHIP & INVOLVEMENT

Peer Mentor | Cornell Undergraduate Research Board | Cornell University

Oct 2023 - Present

- Work with undergraduate students to support them in getting involved with research at Cornell, particularly students interested in computer science and data analytics
- Coordinate small groups to encourage networking and peer connections, emphasizing strong communication skills
- Connect students with potential mentors and research groups which best align with their interests

Director of Operations | Cornell International Affairs Conference | Cornell University

May 2023 - Present

- Orchestrate logistical aspects of Cornell's annual collegiate Model UN conference
- Manage a team to guarantee event spaces and ensure planning goes smoothly for 200+ delegates
- Oversee resource management and scheduling for the conference

Program Director | WVBR 93.5 FM | Cornell University

Apr 2023 - Present

- Elected by other members of the Cornell Media Guild to run the Programming Department at WVBR 93.5 FM
- Ensure that 15+ shows on WVBR run according to schedule and to fix conflicts
- Maintain WVBR's identity, branding, and imaging through by managing its Music and Talk Programming content

News Director | WVBR 93.5 FM | Cornell University

Apr 2022 - Apr 2023

- Elected by other members of the Cornell Media Guild to run the News Department at WVBR 93.5 FM
- Oversaw News Department as well as the production of both a podcast and multiple blogs

SKILLS

Python, HTML, SQL, Java, R, Excel, Microsoft Office, Git, CSS, NumPy, Pandas, Scikit-learn, Business Analytics