

Gabriella “Gabby” Novak

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EDUCATION

University of Rochester

Bachelor of Science in Statistics, Minor in Computer Science

- GPA: 3.88/4.00
- Phi Beta Kappa Suzanne J O'Brien Book Award

Rochester, NY

Anticipated May 2022

EXPERIENCE

Biostatistics Lab at Johnson Space Center, NASA

NASA Intern

Houston, TX

June 2020 – August 2020

- Articulated guidance on best practices for reproducible research distributed throughout NASA's Biomedical Research and Environmental Sciences Division
- Developed a R package for internal NASA use to support reproducibility efforts
- Reviewed and provided recommendations on computational tools to support reproducible work

University of Texas School of Public Health

Undergraduate Intern

Houston, TX

June 2019 – August 2019

- Processed complex survey data, fit models, and created figures and maps in R for multiple geospatial analysis projects
- Presented on project status and shared techniques with other team members at weekly work group meetings

Private Statistics Tutor

Rochester, NY

April 2019 – June 2019

- Developed and implemented lesson plans to assist a student in poor-standing in successful final exam preparation
- Recommended for position by professor based on past success with students as a teaching assistant

University of Rochester

Statistics Teaching Assistant

Rochester, NY

January 2019 – Present

- Strengthen students' grasp of material taught in lecture including R coding and applied statistical methods
- Assist students in understanding errors and debugging code during lecture and additional office hours
- Grade and provide thorough feedback on student work

University of Rochester

Event Support Basic / Senior Technician

Rochester, NY

August 2018 – Present

- Operate all technical aspects of university events with special expertise in lighting
- Plan and program aesthetically pleasing lighting in collaboration with clients that compliments their production
- Lead and provide training to technicians in equipment set up, strike, and use and client interaction
- Manage technical difficulties and client requests effectively and efficiently

Evelyn Rubenstein Jewish Community Center of Houston

Camp Counselor and Jewelry Making Specialist

Houston, TX

June 2017 – August 2018

- Planned and led first and second graders in daily jewelry making activities, adapting plans in real time according to the skill level of individual groups
- Assisted with daily activities including art, science, and sports and entertained campers between scheduled activities

EXTRACURRICULARS & INTERESTS

Technical Theater

- Experience in all aspects of theater tech including lighting, sound, and set design and construction as well as stage management on professional and extracurricular levels throughout high school and college
- Served as technical director of The Opposite of People Theater Company (2019) supporting and facilitating communication between members of a production team, organizing and directing work calls, and advancing club improvement projects

Coding

- Dedicated to personal coding projects, primarily in R, to explore capabilities and features of the language and keep my skills sharp in an exciting and engaging manner

Sewing & Garment Design and Creation

- Design and sew outfits to my specifications and measurements
- Skilled in garment alternation and repair

SKILLS

- Proficient in R, RMarkdown, and Java
- Competent in Git/GitHub, Python, LaTeX typesetting, and Microsoft Office