

# 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 – December 2020*

- Strengthened students' grasp of material taught in lecture including R coding and applied statistical methods
- Assisted students in understanding errors and debugging code during lecture and additional office hours

### 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
- Recently delved into clothing design, pattern drafting, and more historical costuming
- Skilled in garment alternation and repair

## SKILLS

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