

# Gabriella “Gabby” Novak

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## EDUCATION

### University of Rochester

*Bachelor of Arts in Statistics*

*Computer Programming, Actuarial Sciences*

- GPA: 3.96 out of 4.00

**Rochester, NY**

*Anticipated May 2022*

### Emery/Weiner School

*High School Diploma*

- GPA: 4.00 out of 4.00

- Socrates Award: Awarded to the valedictorian in recognition of their pursuit of knowledge and academic excellence
- Rubber Ducky Award: Provided meaningful contributions to the Emery/Weiner technical theater department during all years of attendance at the school
- National Honor Society Member
- Studied abroad five weeks at La Universidad Latina in Heredia, Costa Rica

**Houston, TX**

*June 2018*

## EXPERIENCE

### University of Texas School of Public Health

*Undergraduate Intern*

- Collaborated with Dr. Cici Bauer (Department of Biostatistics) and a team of graduate students on multiple geospatial analysis projects (Please see Projects, UT Health tag for further details)
- Carried out data processing, modeling, and figure creation including mapping
- Compiled reports to present to team members as well as other UT Health faculty
- Attended weekly work group meetings to present on project status and share techniques with other group members

**Houston, TX**

*June 2019 – August 2019*

### University of Rochester

*Event Support Senior Technician*

- Operate all technical aspects of university events including concerts, productions, ceremonies and presentations with special expertise in lighting
- Collaborate with clients to plan and program aesthetically pleasing lighting that compliments their production
- Lead other technicians in equipment and furniture set up and strike
- Manage technical difficulties and client requests effectively and efficiently
- Completed advanced lighting training

**Rochester, NY**

*April 2019 – Present*

### Private Statistics Tutor

- 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

**Rochester, NY**

*January 2019 – Present*

### University of Rochester

*STT212 Teaching Assistant*

- Lead two recitations per week for an introductory statistics course
- Teach basic R coding
- Review material from the week's lectures and answer outstanding questions

**Rochester, NY**

*January 2019 – Present*

### University of Rochester

**Rochester, NY**

### *Event Support Basic Technician*

*August 2018 – April 2019*

- Operated sound, lighting, and projection equipment during concerts and other special events and presentations
- Planned and carried out equipment and furniture set up and strike
- Managed technical difficulties and client requests effectively and efficiently
- Completed basic technical training as well as continued training on updated equipment

## **RELEVANT COURSEWORK**

### **Statistical Computing in R**

**University of Rochester**

*STT276*

*Spring 2019*

- Introduction to statistical computing using R in the RStudio environment
- Integrated R output into reports using RMarkdown
- Focused on data manipulation and graphic building with tidyverse functions and function writing
- Culminated in a full report in RMarkdown including exploratory data analysis and hypothesis generation and confirmation on data from ride-share programs in Chicago.

### **Applied Statistics II**

**University of Rochester**

*STT216*

*Spring 2019*

- Continuation of introductory course focusing on non-parametric testing, ANOVA models, multiple comparisons, multiple linear regression, and binary logistic regression in Minitab
- Culminated in a full report of statistical analysis conducted on a chosen data set in R

### **Applied Statistics I for the Biological and Physical Sciences**

**University of Rochester**

*STT212*

*Fall 2018*

- Introductory level, algebra-based, frequentist statistics course including the appropriate use of numerical and graphical summaries, confidence intervals, and hypothesis tests
- Culminated in a final project in which groups of three wrote a report on given data using R for calculations and graphics

## **LEADERSHIP ACTIVITIES**

### **University of Rochester**

**Rochester, NY**

*Technical Director of The Opposite of People Theater Company (TOOP)*

*December 2018 – Present*

- Provide advice and guidance to designers working on TOOP productions
- Organize and direct work calls, load in, and strike
- Facilitate communication between members of a production team
- Manage company storage
- Advance improvement projects including storage inventory and organization and design archiving
- Implement the company's technical apprenticeship program along with the production stage manager

## **CERTIFICATIONS**

### **Human Research for Biomedical Researchers**

*CITI Program*

*June 2019 – June 2022*

### **Social and Behavioral Research Best Practices for Clinical Research**

*CITI Program*

*June 2019 – June 2022*

## **SKILLS**

- Proficient in R,arkdown, Microsoft Excel
- Competent in Python and Microsoft Office (including Microsoft Access)
- Ability to explain statistical conclusions and processes to the general public developed though working with students as a teaching assistant and tutor
- Communication skills developed through interaction with clients as an event technician