

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

April 2019 – June 2019

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*Event Support Basic Technician***Rochester, NY***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*STT276***University of Rochester***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*STT216***University of Rochester***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*STT212***University of Rochester***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*Technical Director of The Opposite of People Theater Company (TOOP)***Rochester, NY***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 through working with students as a teaching assistant and tutor
- Communication skills developed through interaction with clients as an event technician