Gabriella "Gabby" Novak

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EDUCATION

University of Rochester   **Rochester, NY**
Bachelor of Arts in Statistics   *Anticipated May 2022*
Computer Programming, Actuarial Sciences
● GPA: 3.96 out of 4.00

Emery/Weiner School   **Houston, TX**
High School Diploma   *June 2018*
● 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

EXPERIENCE

University of Texas School of Public Health   **Houston, TX**
Undergraduate Intern   *June 2019 – August 2019*
● Collaborated with Dr. Cici Bauer (Department of Biostatistics) and a team of graduate students on multiple geospatial analysis projects
● 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

University of Rochester   **Rochester, NY**
Event Support Senior Technician   *April 2019 – Present*
● 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

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   **Rochester, NY**
STT212 Teaching Assistant   *January 2019 – Present*
● 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

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, RMarkdown, and Microsoft Excel
- Competent in Python, Microsoft Office (including Microsoft Access), and LaTeX typesetting
- Ability to develop functions and other coding procedures for use in an academic environment and defend them to collaborators and supervisors
- 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