

Gabriella "Gabby" Novak

(713) 252-9336 • gnovak@u.rochester.edu
ganovak.netlify.com • github.com/ganovak

EDUCATION

University of Rochester

Bachelor of Arts in Statistics

Computer Programming, Actuarial Sciences

- GPA: 3.96 out of 4.00
- Phi Beta Kappa Suzanne J O'Brien Book Award: Recognizes 16 members of the previous year's first-year class who have been nominated by university faculty and staff for demonstrating outstanding scholarly achievement, humanistic values, contribution to co-curricular activities, and leadership potential.

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
- 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

- 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

Rochester, NY

August 2018 – April 2019

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 through working with students as a teaching assistant and tutor
 - Communication skills developed through interaction with clients as an event technician