Garrett Warr

Biotechnology Student | Virology & Data Science Enthusiast

Utah Valley University

📧 wargj@gmail.com | 🌐 github.com/gare-warr01 | 📍 Utah, USA

# Objective

Motivated and detail-oriented Biotechnology student with a strong interest in virology, data analysis, and epidemiology. Seeking opportunities to apply laboratory skills, statistical analysis, and scientific knowledge in research and public health projects.

# Education

Bachelor of Science in Biotechnology  
Utah Valley University  
Expected Graduation: Fall 2025  
  
Relevant Coursework: Cell Biology, Biochemistry, Pathology & Virology, Data Analysis in RStudio, Epidemiology & Public Health

# Research & Academic Projects

Influenza Data Analysis & Forecasting Project  
Utah Valley University - Spring 2025  
- Collected and analyzed U.S. and global influenza surveillance data from CDC and WHO.  
- Developed an interactive R Shiny Dashboard to visualize ILI trends and predict future flu season severity.  
- Cleaned, organized, and processed large public health datasets using R.  
- Presented findings in an accessible and educational website for academic and public use.

# Technical Skills

Programming & Data Analysis: R, RStudio, Shiny, ggplot2, dplyr, Python (basic)  
Laboratory Skills: PCR, Gel Electrophoresis, Cell Culture, Sterile Technique  
Data Visualization: ggplot2, Shiny Dashboard, Excel  
Tools & Platforms: GitHub, Shinyapps.io, Microsoft Office

# Professional Interests

Virology & Viral Pathogenesis  
Disease Surveillance & Epidemiology  
Data-Driven Public Health  
Research & Laboratory Work

# Contact

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