**Edward Coleman**

**(484) 426-7549** [**Edward Coleman (ecoleman451.github.io)**](mailto:Edward%20Coleman%20(ecoleman451.github.io))[**ecoleman451@gmail.com**](mailto:ecoleman451@gmail.com%20)

**EDUCATION**

**West Chester University of Pennsylvania,** *West Chester, PA*

***Master of Science in Applied Statistics (December 2024)***

***Bachelor of Science in Applied Statistics (May 2023)***

**TECHNICAL SKILLS**

* R
* SAS & SAS Viya
* Microsoft Excel

**PROFESSIONAL EXPERIENCE**

**New Jersey Department of the Treasury, Trenton, NJ; Analyst Trainee – OREA (Office of Revenue and Economic Analysis),** March 2025 – Present

* Collect, interpret, and analyze financial and tax data to assist in revenue forecasting and policy development for the State of New Jersey
* Apply statistical methods and economic modeling techniques to support research on tax compliance, revenue trends, and economic indicators
* Gain hands-on experience working with tax laws, regulations, and government database systems in a hybrid environment
* Assist with process improvement initiatives and ensure accurate reporting through data validation and quality assurance practices
* Develop skills in data management, SAS, Excel, and public sector data analysis

**Penske Truck Leasing, Reading, PA; Intern,**May 2023 - August 2023

* Calculated anticipated demand for rental trucks by county in the U.S. by correlating school enrollment with past rental truck demand provided by Penske
* Gained more in depth knowledge of Microsoft Excel, data mining, and statistical modeling methods using SAS Viya
* Collaborated with 2 other interns on this project throughout the summer

**Ursinus College REU, Collegeville, PA (Research Experience for Undergraduates) - Funded by the NSF (Researcher)**

***Topic: Pandemic Response and Overall Health****,* May 2022 - July 2022

***PI: Hugo Montesinos, Ph.D.***

* Conducted a literature review of research papers using Google Scholar and recommendations from the PI
* Extracted relevant data, entered data in R, and analyzed the influx of mass shootings due to the effect of mental health caused by the COVID-19 pandemic
* Worked with a team of two to three students from other universities

**PUBLICATIONS AND PRESENTATIONS**

**Coleman, E.,** Innocent, J., Kircher, S., Montesinos-Yufa, H. M., Trauger, M. (2024). A Pandemic of Mental Health: Evidence from the U.S.. *International Journal of Data Science and Analysis*, *10*(4), 77-85.

**Coleman, E.**, Kircher, S., Innocent, J., Trauger, M., and Montesinos, H. *A Pandemic of Mental Health.* Paper Presented at*:* Ursinus College Summer Fellows Research Symposium; July 2022; Collegeville, PA.

**Coleman, E.**, Kircher, S., Innocent, J., Trauger, M., and Montesinos, H. *A Pandemic of Mental Health.* Poster Presented at*:* MathFest; August 2022; Philadelphia, PA

**WORK HISTORY**

**Movie Tavern by Marcus Theaters,** *Allentown, PA*; *Exton, PA* ***Food Runner,*** *December 2021 - May 2022; August 2022 - Present*

**Panera Bread,** *Allentown, PA* ***Team Lead,*** *September 2017 – July 2021*

**Macungie Pool,** *Macungie, PA* ***Snack Bar Team Member,*** *June 2016 - August 2017*

**COMMUNITY SERVICE**

**Hearts for Honduras Mission Trip** *July 2018 La Entrada, Copán, Honduras*

* Assisted at the Hearts for Honduras School service projects for local families
* Interacted with many children and their families at the Hearts for Honduras School throughout the week
* Fully immersed in the culture of Honduras - art, soccer, food, music, etc

**Group Mission Trips *Rushville, Indiana July 2019; Virginia Beach, Virginia July 2018****;* ***Wintersville, Ohio July 2017***