**Ethan A. Kelley**

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**EDUCATION**

**West Virginia University**, Morgantown, WV

*Bachelor of Arts, cum laude, in Philosophy and Economics* Graduated: May 2021

GPA: 3.45/4.0

**EXPERIENCE**

**Legislative Analyst** April 2022 – Current

*The Knee Center for the Study of Occupational Regulation, Morgantown, WV*

* Perform legislative research and gather statutory data.
* Collect, analyze, and interpret regulatory data for specific professions and industries.
* Enter collected and analyzed data into our regulatory database.
* Update and maintain database on an annual basis.
* Collaborate on reports with research team members.
* Contributes to editorial writings, projects, blogs, to make informed recommendations and comments related to occupational licensing and research findings.
* Produce data visualizations.

**Research Assistant** January 2021 – April 2021

*Bureau of Business and Economic Research, Morgantown, WV*

* Assisted in planning and reviewed the needed tasks for the Economic Forecast with the overseeing Professors and my fellow Research Assistants
* Delegated and carried out those assigned tasks with the rest of my group. By gathering and compiling necessary data for the Huntington region.
* Collected news articles regarding significant events in the regional economy.
* Applied Econometric concepts and critiqued the statistical models with the overseeing professors present.
* Created data visualizations using Excel and Powerpoint assembled using the data collected on the region.
* Drafted a written report detailing the economic forecast for the Huntington Region
* Presented the visualizations in the presentation and written report with my group to be published by the Bureau of Business and Economic Research.
* Presented our forecast for the region to local leaders from the Huntington area.

**RESEARCH PROJECTS**

**Impact On Mortgage Payments During COVID-19 Pandemic** August 2020 – December 2020

West Virginia University, *Morgantown, WV*

* Gathered monthly data from the Household Pulse Survey from April 2020 to October 2020. Once collected, the data set needed to be merged into one data set. With the compiled data set totaling in over a million observations
* Employed R-Studio to effectively clean, modify, and analyze the data. Programming linear regression models in the statistical package to generate results.
* Remodeled and specified each model and interpreted the results from the specified models in the linear regression. Measured the impact each independent variable had on the dependent variable.
* Applied Data Visualization techniques with using the ggplot2 package in R Studio to aid in the analysis and presentation of the data.
* Drafted a written report detailing the results and visualizations for the data analysis. Once drafted, the report was submitted to the overseeing Professor for review.
* Organized a Power Point Presentation for the Project’s report. Once organized I presented the report to the overseeing professor.

**Impact On The Review Rating for Horror Films 2012-2017** October 2020 – December 2020

*West Virginia University*, *Morgantown, WV*

* Gathered and downloaded data on IMDB horror film review ratings from the year 2012 to 2019.
* Once gathered, the data needed to be cleaned using R Studio. By programming multiple categorical variables respecified for each original variable that was used in the data set.
* Programming categorical variables for a films run time, its review rating, the subgenre and the films budget.
* Respecifying each variable allowed for greater organization during the initial analysis.
* Analyzed the results from the linear regression and recorded the results.
* Drafted and edited a written report in a Word document. Where the report detailed the results from my analysis.
* Once finalized the written report was submitted to the overseeing professor for review

**PUBLICATIONS**

* Andrew Chancey, Grace Crankovic, Nina Han, Ethan Kelley. Huntington Area Economic Outlook 2020-2025. April 28, 2021.

**TECHNICAL SKILLS**

* *Statistical Packages:*R (Proficient), Eviews (Novice)
* *Applications:*Microsoft Office (Intermediate)
* QuickBooks Bookkeeping Software (Intermediate)

**RELEVANT COURSEWORK**

Intermediate Microeconomics, Business and Statistics, Calculus 1, Intro to Econometrics, Intro to Mathematical Economics, Applied Economic Research, Intermediate Macroeconomics, Applied Regional Economics

**FOREIGN LANGUAGE EXPIRENCE**

German January 2018 – May 2020

**ADDITIONAL EXPERIENCE**

**Gamemaster** June 2019 – April 2022

*Xscape LLC, Morgantown WV*

* Welcome groups in our lobby and addressed the rules and tips before bringing them into their game.
* Work closely with fellow coworkers to coordinate who will be running which game for the most recent time slots.
* Moderate the group’s game and direct them using clues if the groups become stuck on one of the puzzles. We must make sure the clues are formulated in such a way such that the groups can understand how to work the puzzle without given the answer away.
* Congratulate or complement the groups on their performance and make sure they have a good time even if the group did not make it out of their game.
* Tabulate the daily games, t-shirt and wristband revenue using google sheets spreadsheets.

**Owner and Founder** March 2018 - December 2020

N3urohub, *Kingwood, WV*

* Managed the business’ webpage, marketing campaigns, and state business filings.
* Calculated business expenses using QuickBooks self-employed bookkeeping software.
* Evaluated and adapt new ways to generate revenue for the business.

**AWARDS AND HONORS**

HSTA Scholarship August 2017-May 2021

WVU Deans List Fall 2017-May 2021

**PROFESSIONAL ASSOCIATIONS**

**Member**, National Society of Collegiate Scholars December 2017 - Present

**Member** Collegiate Entrepreneurs’ Organization, WVU August 2017 - January 2018