**HARRISON KARP**

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EDUCATION

**Wesleyan University,** Middletown, CT*BA Awarded with Honors May 2021* **Major**: Economics; **Cumulative GPA**: 4.07/4.00

**Thesis:** “The Political Economy of Clean Electricity Diffusion in the United States” *Awarded High Honors*

**Relevant Coursework:** Econometrics, Advanced R: Data Science Tools, Macroeconomic & Microeconomic Analysis

EXPERIENCE

**Federal Reserve Board, Flow of Funds**

*Technology Analyst*  *June 2021 - Present*

* Run Tealbook graphing, projection, banking sectors Z.1 and EFA, DFA, and call report data reporting production rounds
* Build and maintain complex R Shiny apps with interactive graphs and data management processes
* Contribute to economists’ research with data management, scraping, and visualization in R, Stata, and Python
* Train coworkers in production processes, R, Stata, Shiny, Linux, Git, and FAME

*Intern*  *June 2020 - August 2020*

* Conducted data management, visualization, analysis, and network analysis using Stata and R
* Created an interactive network visualization of the ripple effects caused by a change to the Z.1 Financial Accounts

**Wesleyan University, Economics Department**

*Research Assistant under Professors Abigail Hornstein and Jennifer Raynor June 2019 - May 2021*

* Conducted web scraping, data management, visualization, and analysis using Stata, R, and SAS
* Utilized fuzzy matching to merge disparate sources of data using SAS and Stata

*Teaching Apprenticeships August 2018 - May 2021*

* Tutored 1:1 and assisted in-class in introductory economics, macroeconomics, experimental design and analysis, and quantitative methods in economics

**Wesleyan University, Quantitative Analysis Center**

*Peer Tutor August 2019 - May 2021*

* Provided 1:1 tutoring in all data science and quantitative economics classes at Wesleyan
* Assisted students with work in Excel, R, Stata, SAS, SPSS, SQL, Python, and Excel

*Quantitative Analyst for Wesleyan Paleoclimate Lab under Professor Suzanne O’Connell* *June 2019 - May 2020*

* Managed, graphed, and analyzed data using Stata to model ancient climates utilizing glacial core sample data
* Contributed to a paper presented at 2019 Geologic Society of America National Conference

ACTIVITIES & ACHIEVEMENTS

**Wesleyan Wrestling Team** *September 2017 - May 2021*

* Received Scholar-Athlete Award in 2019 for exceptional academic and athletic achievements
* Named Team Captain for 2020-2021 season
* Placed 8th in the 285-pound weight class at the 2019 NCAA Northeast Regional

**Plukas Thesis Award** *May 2021*

**Wilde Prize for Excellence in Economics** *May 2021*

**White Prize for Excellence in Economics** *May 2021*

**Plukas Teaching Apprentice Award** *Spring 2018 & Spring 2019*

SKILLS

**Proficient Software:** Stata, R, Shiny, Python, HTML, CSS, SAS, SPSS, SQL, Git, Linux, FAME, LaTex, Excel

**Software Development: Fuzzy Merging Package** (available at https://cran.r-project.org/package=messy.cats)

* Built R functions that enables users to clean data and merge datasets by approximate matches
* Created extensive functionality such as different types of joining and different types of string distance calculation
* Utilized Git to track changes, share code, and create website to publish package