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EDUCATION & TRAINING

Masters of Science in Data Science and Analytics   Aug. 2021 –May. 2023
Georgetown University   Washington, DC

American Economic Association Summer Program   Summer 2020
Michigan State University   Online
- Completed 16 hours of graduate coursework in microeconomics, econometrics, research, and mathematics equivalent to multivariate calculus and linear algebra

Bachelor of Arts in Economics and Sociology | 3.5 GPA   May. 2018
Colorado State University (CSU)   Fort Collins, CO
- Completed rigorous mathematics and Economics courses including: Economics of Public Finance, Intermediate Econometrics (Stata), Statics for Behavioral Science I (SPSS), Intermediate Macroeconomics, Intermediate Microeconomics, Calculus-Physical Scientists II

SKILLS

- ***Programing***: R, Python, Stata, LaTeX,
- ***Data Visualization tools***; Tableau, ggplot, Matplotlib
- ***Machine Learning tools***: Clustering, Association Data Mining, Decision Trees, Naive Bayes, Support vector machines (SVMs)
- ***Collaboration software's:*** SharePoint, GoogleDocs, Github

RESEARCH EXPERIENCE

Georgetown Center on Poverty & Inequality, ESOI   **Washington, DC**
Policy Analyst   Feb, 2021 – Present
- Provide project management support using SharePoint, Teams, and Slack to effectively collaborate with 15 team members to track and plan research activities.
- Evaluated data sources, to conduct a robust quantitative analysis on policy issues related to employment, wages, and poverty.

Institute for Women's Policy Research (IWPR)   Washington, DC
Research Assistant, Job Quality & Income Security Team   June. 2019 – Jan. 2021
- Manage, analyze, and visualize data frequently from the CPS, ACS, BLS, IPUMS, PSID, NLSY, and other large databases using STATA, Microsoft Excel and Tableau
- Synthesize descriptive statistics and regression outputs to research team members
- Contribute to 6 IWPR research publications on the topics of health, wealth, and the gender wage gap

Mariam K. Chamberlain Public Policy Fellow   Sep. 2018 – June. 2019
- Provided general data analysis to examine how AI and technology impacts the future of work for women

Institute for the Built Environment   Fort Collins, CO
Sustainability Associate   Jan. 2018– Aug. 2018
- Used systems thinking, design thinking, and sociological theories of change management to assess opportunities for improving workspace productivity
- Utilized Qualtrics to design, draft, and distribute survey which examined how workspace design impacts workplace productivity, then analyzed survey results using SPSS and Stata

CSU Department of Sociology   Fort Collins, CO
Undergraduate Research Assistant   Oct. 2017 – May. 2018
- Conducted one-on-one interviews with 10 individuals to examine the relationship between a student's social networks and his/her overall success at a university
- Coded interviews using MAXQDA and created network maps using Network Topology Mapper

CSU Academic Advancement Center Fort Collins, CO
Math and Economics Tutor Aug. 2017 – May 2018
- Ensured students success by managing, leading, and facilitating individual and group tutoring and study sessions for 12 students or more.

CSU Institutional Research, Planning, and Effectiveness Fort Collins, CO
Data Analyst Intern June – October 2017
- Independently analyzed the 2016 National Survey of Student Engagement (NSSE) data to write and publish a NSSE report for different colleges at CSU that resulted in $10,000 additional funding to bridge the student engagement gap between first-generation and continuing generation students

Colorado State University Career Center Fort Collins, CO
Students Ambassador Aug 2015 – May 2018
- Promoted Career Center services by designing peer to peer outreach strategies targeting over 30,000 students at Colorado State University.
- Utilized public speaking and presentation skills to deliver 30-50-minute-long presentations regarding the Career Center services and resume strategies to groups of 20 or more

Building Bridges Denver, CO
Resource Development – Alumni Fellowship / Facilitator August 2016 – July 2017
- Worked in a group of 3 to understand the organization's budget and explore areas of fundraising and to development to find new trends to improve and reshape program and outreach plan to solicit new donors and local support

RESEARCH PUBLICATION
- Hegewisch, Ariane, and Adiam Tesfaselassie. 2019. "The Gender Wage Gap by Occupation 2018" at the Institute forWomen's Policy Research
- Hegewisch, Ariane, and Adiam Tesfaselassie. 2019. "The Gender Wage Gap by Race and Ethnicity 2018" at the Institutefor Women's Policy Research
- Shaw, Eylse, Cynthia Hess, Chandra Childers, Jeff Hayes, and Adiam Tesfaselassie. 2019. "Assets for Equity: BuildingWealth for Women in Central Ohio" at the *Institute for Women's Policy Research*
- Shaw, Eylse, and Adiam Tesfaselassie. 2019. "The Status of Women in North Carolina: Health & Wellness" at the *Institutefor Women's Policy Research.*
- Shaw, Eylse, and Adiam Tesfaselassie. 2020 "The Status of Women in North Carolina: Political Participation" at the*Institute for Women's Policy Research.*