Chasen Jeffries

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Driven by a deep curiosity about the world, I am a quick learner eager to apply my skills and knowledge. I continuously acquire relevant skills to enhance my contributions to both individual and collaborative projects. I can act as a point person, leading research, analysis, writing, or presentation of KPIs. Alternatively, I can support the team to ensure projects are completed on time and exceed performance expectations. I am excited to expand my knowledge and gain valuable experience while engaging in interesting and impactful work.

SKILLS

Programming Languages: R, Netlogo, Git, Python
Tools and Technologies: ChatGPT, and Tableau.
Statistical Models:

- Expertise with regression (OLS, Logit) and classification techniques.
- Proficient in both supervised and unsupervised learning algorithms.
- Experience with agent-based modeling, network analysis, natural language processing (NLP), and Monte Carlo simulations.

EXPERIENCE

Research Assistant, Claremont Graduate University ***08/2022 -***

- Conducted open-source research in English and Spanish, creating a novel dataset for exploring political and economic phenomena, enhancing field contributions.
- Extracted and integrated datasets from institutions like the World Bank and UN, enabling detailed analyses and enriching research insights.
- Designed visuals and tables to simplify complex data presentation, improving research clarity and audience engagement.
- Compiled a precise codebook for the master dataset, enhancing its usability and interpretability for diverse research applications.

Teaching Assistant, Claremont Graduate University ***08/2023 – 12/2023***

- Taught predictive analysis and machine learning using R to students, resulting in enhanced practical skills and theoretical knowledge.
- Explained complex topics such as Neural Networks and NLP, leading to improved student comprehension and application in projects.
- Developed project-based examinations to encourage the development of applied skills in students.
- Created specific ChatGPT prompts to assist students in understanding and applying complex topics to real-world scenarios.

Threat Researcher and Analyst, Red 5 Security ***03/2020 – 02/2021***

- Synthesized high-level threat analyses into precise, clear reports that provided actionable insights for high-priority client projects, balancing speed with analytical depth.

- Doubled report output by developing and applying advanced open-source research techniques, improving the speed and efficiency of threat analysis.
- Trained and integrated a new team member within two weeks, enhancing team capabilities in research, analysis, and communication.

EDUCATION

PhD, International Relations & Political Science ***08/2021 –***
Claremont Graduate University
Relevant Coursework: World Politics, Computation and Agent Based Modeling, Natural Language Processing, Policy Design and Implementation, Software Development, Strategic Modeling, Qualitative and Mixed Methods, Analysis of Social Networks, The World Economy.

M.A. International Political Economy ***08/2021 – 05/2024***
Claremont Graduate University
Relevant Coursework*:* Statistical Methods, Multivariate Analysis, Data Analysis and Visualization, International Political Economy, Political Economy of International Development, Comparative Political Economy.

B.A. History ***08/2015 – 12/2019***
High Point University
Relevant Coursework: Post-1945 Middle East, Modern Russia, Revolutionary China, American Politics

PUBLICATIONS

- Abdollahian, M., & Jeffries, C. (2024). Simulating Boyd's OODA Loop: Towards an ABM of Human Agency and Sensemaking in Dynamic, Competitive Environments. In Proceedings of the Seventeenth International Conference on Advances in Computer-Human Interactions (ACHI 2024) (pp. 76-84).
- Jeffries, C., & Kowarsch, K. Y. (2023). Machine Learning Prediction of Intellectual Property Rights Based on Human Capital Factors. In X. S. Yang, R. S. Sherratt, N. Dey, & A. Joshi (Eds.), Proceedings of Eighth International Congress on Information and Communication Technology. ICICT 2023. Lecture Notes in Networks and Systems (Vol. 693). Springer, Singapore.
- Jeffries, C., & Kowarsch, K. Y. (2021). Book Review: Demystifying China's Innovation Machine: Chaotic Order, by Marina Zhang, Mark Dodgson, and David Gann. Oxford University Press, 2021, 304 pp. Journal of Policy Analysis and Management.
- Jeffries, C. (2020). Spartan Austerity and Bribery. Colombia Journal of History, Summer 2020 (Volume IV: Issue II).

AWARDS

- DPE Board of Advisors Outstanding Scholar Fund 2022
- Luther J. Lee Jr. Memorial Award 2023
- Research Assistant of the Year Award 2023