

Greg Chism

Assistant Professor of Practice

About me

Accomplished Educator with 8 years' experience in academia, specializing in data science, machine learning, and statistics. Expert in mentoring students, developing engaging, tailored lessons for diverse learners, and fostering an inclusive, supportive learning environment.

Employment

- July 2023 - **Assistant Professor of Practice**, *University of Arizona*, Tucson, Arizona.
Current ○ Developed and executed courses on data visualization and data mining
- 2022 - July **Data Science Educator**, *University of Arizona*, Tucson, Arizona.
2023 ○ Successfully managed two data science education fellowship programs (6-12 learners), enhancing participants' skillsets through resource coordination and guidance.
○ Mentored over 100 researchers on data analysis, promoting best practices in reproducibility and data science for research advancement.
○ Created and taught workshops on exploratory data analysis in R (including tidyverse) and Python (including pandas and scikit-learn).
○ Led the steering committee for ResBaz AZ 2023, fostering interdisciplinary collaboration and knowledge sharing among 185 attendees from three universities.
- 2017 - 2022 **Research Scientist**, *University of Arizona*, Tucson, Arizona.
○ Completed an innovative interdisciplinary dissertation, publishing three high-quality manuscripts with groundbreaking research findings.
○ Developed three reproducible containers using GitHub Actions and Binder, ensuring consistent research outcomes and streamlined collaboration.
○ Presented personal research at nine academic conferences, effectively communicating findings to diverse audiences and demonstrating expertise.
- 2014 - 2017 **Research Assistant**, *UC Santa Barbara*, Santa Barbara, California.
○ Authored three scientific publications, contributing to the advancement of knowledge in the field and showcasing expertise.

Relevant Skills

Toolsets: R/RStudio (tidyverse) | Python (pandas and scikit-learn) | SQL | HTML & CSS | Unix Shell | Git & GitHub | RMarkdown & Quarto | Jupyter | Docker | Javascript | Shiny

Technical: Data Analysis & Visualization | Version Control | Data Management | Containers | Website Development | Machine Learning | Deep Learning | Exploratory Data Analysis

Education

2017-2022 **Ph.D. in Entomology and Insect Science**, *University of Arizona*.

School of Information, University of Arizona

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