

Greg Chism

Data Scientist III

About me

Stories are practically built into our DNA; we've been telling them for over 3,000 years. As an **interdisciplinary** research scientist transitioning into a data scientist I have learned how valuable data is in telling stories. My passion is to leverage my **six+ years of experience** to help others tell their stories or gain new insights from their data. Following my doctoral training, I have honed my data science toolkit to contain inferential statistics, machine learning, containers, and programming so that I can best address any project or challenge.

Education

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

Employment

Jan. 2022 - **Data Scientist III**, *University of Arizona*, Tucson, Arizona.

- Present
 - Co-managed two data science learning fellowship programs
 - Developed two five-workshop series on data analysis in R and Python
 - Helped over 100 researchers analyze their data and progress their research
 - Managed events with representation from 105 UArizona departments

2017 - 2022 **Graduate Research Assistant**, *University of Arizona*, Tucson, Arizona.

- Completed a novel interdisciplinary dissertation which led to three manuscripts
- Produced three reproducible containers through GitHub actions and Binder containers
- Helped develop and published the animal movement tracking software ABCTracker

Professional Development

2022 **Basic & Advanced Container Camp**, CyVerse, University of Arizona.

- Developed Docker containers through GitHub Codespaces
- Developed containers in high performance computing environments

2022 **Foundations of Open Science Skills**, CyVerse, University of Arizona.

- Learned open science using cutting-edge, open source cyberinfrastructure
- Wrote clean, reproducible code while considering the software development life cycle

Relevant Skills

Toolsets: R/RStudio | Python | SQL | HTML & CSS | Unix Shell | Git & GitHub | RMarkdown & Quarto | Jupyter | Docker | Kubernetes

Technical: Data Analysis & Visualization | Version Control | Data Management | Containers | Website Design | High Performance Computing | Machine Learning | Deep Learning

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