

Greg Chism

Data Scientist III

About me

- Data scientist with 7+ years of experience in data analytics and programming
- Employed interdisciplinary approaches to answer 3 complex research problems
- Awarded \$300,000+ for novel, innovative animal behavior research

Education

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

Employment

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

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

2017 - 2022 **Research Scientist**, *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
- Authored the published animal movement tracking software ABCTracker
- Presented personal research at 9 academic and industry conferences

2014 - 2017 **Research Assistant**, *UC Santa Barbara*, Santa Barbara, California.

- Built and maintained 5 novel databases resulting in 3 manuscripts and 1 book chapter

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

Data Science Institute, University of Arizona

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