Greg Chism

Data Scientist III

About me

- Data scientist with 6+ 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 - Present **Data Scientist III**, *University of Arizona*, Tucson, Arizona.
- 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 **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
- Authored the published animal movement tracking software ABCTracker

2018-2022 **Graduate Fellowship Mentor**, *University of Arizona*, Tucson, Arizona.
- Mentored over 70 graduate fellowship applicants from over 20 disciplines
- Produced a Spotlight article as a prestigious Graduate Research Fellow

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
+1 530 510 1154 • `gchism94@gmail.com`
gregtchism.netlify.app • *greg-chism* • *Gchism94*