

# Derek Resio

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3750 E. Via Palomita APT. 24201, Tucson, AZ 85718

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## PROFESSIONAL SUMMARY

Detail-oriented and dependable individual successful at managing multiple priorities with both a high degree of accuracy and a positive attitude. Offers strong organizational and communication skills. Strives for excellence and is committed to lifelong learning. Self-starter with the ability to effectively work both independently and with a team.

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## KEY COMPETENCIES

Professional communication	Strong interpersonal skills	Excellent presentation skills
Attention to detail	Proactive and self-motivated	Critical thinking
Fast learner	Highly dependable	Goal-oriented

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## PROFESSIONAL EXPERIENCE

**Pro Football Focus** **Aug 2024 - Present**

**Player Participation Analyst - Seasonal Contractor**

Utilize broadcast, All-22, and endzone footage to accurately identify the 22 players on the field for each play of the assigned game. This includes determining each player's position, role, stance, motion, distance from the line of scrimmage, distance from the sideline, and the specific gap defenders align with or over.

Exceptional accuracy and attention to detail are crucial, as the data collected is provided to clients including NFL, FBS, and FCS football teams, among others.

**Amphitheater School District** **Jan 2024 - May 2024**

**Cross Categorical Special Education Substitute Teaching Aide**

Promoted a productive learning environment in a cross-categorical classroom by encouraging positive social behaviors, independent thinking, active participation, and self-responsibility. Supported students aged 13-22 with a range of disabilities, including autism, Down syndrome, and speech-language impairments, among others.

**Anita Koshy Lab - University of Arizona** **June 2022 - Dec 2023**

**Graduate Research Assistant**

Investigated *Toxoplasma gondii* parasite infections of human cortical neurons with the goal of understanding how certain mutations in immune system-related genes in both parasites and neurons affected their respective viabilities. Proved successful working within tight deadlines and a fast-paced laboratory environment. Demonstrated strong organizational and time management skills while managing multiple lab projects. Regularly gave professional presentations in front of graduate students and faculty. Identified issues, analyzed information, and provided solutions to experimental problems.

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## VOLUNTEER EXPERIENCE

**Mid Michigan College Women's Basketball** **Jan 2024 - March 2024**

**Remote Volunteer Data Analyst**

Provided whole lineup efficiency and performance data to the coaching staff. Watched played games and inputted offensive and defensive box score data, delineated by the type of defense played (i.e. man, zone, transition). Aggregated individual game data into a season-long database to analyze and visualize using Microsoft Excel and R. Wrote reports explaining lineup performance described by traditional metrics (ex points per possession, plus/minus, quality shots, effective field goal percentage) and a metric I have adapted and optimized for lineup performance.

## **EDUCATION**

### **Master of Science**

Major: Neuroscience

University of Arizona Aug 2021 - Dec 2023

National Institute on Minority Health and Health Disparities (NIMHD) Diversity Supplement Recipient (2023)

National Institute of Health Initiative for Maximizing Student Diversity (NIH/IMSD) Scholar (2021)

### **Bachelor of Science**

Major: Neuroscience Minors: Psychology, Chemistry

Central Michigan University. Aug 2017 - May 2021

*magna cum laude*

Centralis Honors Scholar

Ronald E. McNair Scholar

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## **SKILLS**

Proficient in R Studio, SQL, Microsoft Office, G Suite, Tableau

Basic Proficiency in Spanish

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## **CERTIFICATIONS**

Society for American Baseball Research Analytics Certification Level 2 - Player Evaluation Case Study Final Assignment

Society for American Baseball Research Analytics Certification Level 3 - Player Performance Projection Model Final Assignment

Rapsodo Baseball Hitting Certification

Rapsodo Baseball Pitching Certification