

Drew Ciampa

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EDUCATION

- TEXAS CHRISTIAN UNIVERSITY, NEELEY SCHOOL OF BUSINESS**, Fort Worth, TX 2022
MBA, Concentration in Finance (GPA: 3.85)
• Capital Markets Club Member
- TEXAS CHRISTIAN UNIVERSITY, COLLEGE OF SCIENCE AND ENGINEERING**, Fort Worth, TX 2021
PhD, Concentration in Astrophysics (GPA: 3.82)
• Physics Graduate Student Representative
- TEXAS CHRISTIAN UNIVERSITY, COLLEGE OF SCIENCE AND ENGINEERING**, Fort Worth, TX 2018
MS, Concentration in Astrophysics (GPA: 3.70, magna cum laude)
• TCU Graduate Teaching Award Winner
- STONY BROOK UNIVERSITY, DEPT OF PHYSICS AND ASTRONOMY**, Stony Brook, NY 2016
BS, Physics and Astronomy
• Society of Physics Students and Astronomy Club Member

EXPERIENCE

- Texas Christian University**, Fort Worth, TX 2016 – present
Research Assistant
• Developed and improved routines to identify and remove atmospheric contamination in over 3,500 datasets using IDL. Calibrated and reduced datasets from raw observations to publication quality.
• Interpreted kinematic trends across each dataset to characterize the observed behavior using IDL and Python.
• Modeled gaseous complexes surrounding our galaxy and analyzed the physical conditions within the complexes.
• Mentored three high-school and five undergraduate students. Helped train them to perform research in the lab.
• Three journal papers currently in preparation for publication with one accepted to the Astrophysical Journal.
- Texas Christian University**, Fort Worth, TX 2016 – present
Teaching Assistant
• Coordinated procedures for weekly labs, taught necessary background to students, and graded completed labs.
• Managed and facilitated conversation of up to 25 students while performing classroom work.
• Helped students develop a versatile approach to problem solving through private tutoring resulting in consistently higher homework and test scores.
- The Statesman**, Stony Brook, NY 2014 – 2015
Sports Journalist
• Wrote and reviewed weekly articles regarding university sports for the Stony Brook University newspaper.
• Performed in-person interviews with collegiate athletes to construct various write-ups for all sports across campus.
- JCJ Construction**, Queens, NY 2013
Job-site Supervisor
• Supervised construction of a 10-story apartment building with over 10 unique on-site trades and 75+ employees.
• Streamlined trade schedules, deliveries, resource conservation and project organization.

LEADERSHIP / SKILLS

Leadership: TCU Physics Graduate Student Representative ('18 - '20), Stony Brook Astronomy Club: Secretary ('15)
Technical skills: Python, SQL, IDL, R, Alteryx, Microsoft Office (Excel, Word, PowerPoint)
Awards: 2020 Texas Space Consortium Award Winner, 2020 TCU Graduate Teaching Award, 2019 TCU SRS Best Poster/Presentation Award, Golden Key Honors Society Member, awarded over \$8,500 in grant funding from various agencies.
International experience: Conference presentation in Garching, Germany. Summer programming workshop in Puebla, Mexico
Volunteer experience: Visited local elementary schools to provide astronomy experiences and talks regarding science.