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| LYLE DANLEY  MS, LAT, ATC, CSCS  743 Clay Loop, San Antonio, TX 78227  575-491-5195  [ltdanley@gmail.com](mailto:ltdanley@gmail.com) | | |
| EDUCATION | | |
| 08/2020 – 05/2022 | Texas A&M University Mays College of Business, College Station, TX | MS, Analytics |
| 07/2014 – 05/2016 | Texas A&M University, College Station, TX | MS, Athletic Training |
| 08/2010 – 05/2014 | Texas Tech University, Lubbock, TX | BS, University Studies |
| PROFESSIONAL EXPERIENCE | | |
| 08/2021 – Present | Texas A&M university Mays College of Business | Teaching Assistant: ANLY 608: Linear and Logistic Regression |
| 11/2018 – Present | Christus Santa Rosa Sports Medicine | Athletic Trainer |
| 11/2019 – 11/2021 | United States Air Force 37th Training Wing, JBSA, TX through Minot Group, MedTrust Staffing LLC | Senior Athletic Trainer |
| 02/2019 – 11/2019 | United States Air Force Special Warfare Prep, JBSA, TX through Bering Straits Native Corporation | Athletic Trainer |
| 01/2019 – 02/2019 | Alliance of American Football: Orlando Apollos, San Antonio, TX | Seasonal Assistant Athletic Trainer |
| 05/2018 – 10/2018 | University of Texas at San Antonio, TX | Assistant Athletic Trainer and Adjunct Instructor |
| 09/2017 – 04/2018 | Stanford University, Stanford, CA | Assistant Athletic Trainer |
| 04/2016 – 09/2017 | Seattle Mariners, Peoria, AZ | Minor League Athletic Trainer |
| ANALYTICS EXPERIENCE | | |
| 11/2020 – Present | Capstone project for analytics masters: using parameter hyper-optimized random forest models and genetic algorithm selection to determine factors that contribute most to delay in training in BMT musculoskeletal injuries using Python sklearn | |
| 11/2019 – Present | Created injury outcome tracker to coordinate data entry across eight squadrons, developed and maintain data dictionary, data entry guidelines, and data cleaning procedures  Run/validate statistical models using R to determine major contributors to delay in training  Create plots, graphs, and tables using ggplot2 package to communicate key performance indicators to athletic training staff, leadership, & sports medicine physicians | |
| 02/2019 – 11/2019 | Used ggplot2 graphs/plots in R to show KPIs for process improvement initiative  Developed injury tracking system to track injury/rehab status | |
| 09/2017 – 04/2018 | Sports science testing and data analysis with Stanford Human Performance Lab | |
| 04/2016 – 09/2017 | Used rpart and caret packages in R to analyze measures correlating with performance variables/injury in athletes | |
| CERTIFICATIONS | | |
| 2014 – Present | Licensed Athletic Trainer, Texas Department of Licensing and Regulation, License No. AT5928 | Exp 6/2022 |
| 2016 – Present | Certified Athletic Trainer, Board of Certification for Athletic Trainers, Certification No. 2000023578 | Exp 12/2021 |
| 2019 – Present | Certified Strength and Conditioning Specialist, National Strength and Conditioning Association, Certification No .7428248780 | Exp 12/2023 |
| RESEARCH AND PRESENTATIONS | | |
| 08/2021 – Present | Associate Investigator: Influence of Stress Fracture and Effect of Embedded Athletic Trainers on Career Trajectory and Healthcare Utilization in USAF Basic Military Trainees from 2012 to 2015 (in progress) | |
| 8/2021 – Present | Associate Investigator: Running Gait Education as Preventive Medicine (in review with Journal of Science and Medicine in Sport) | |
| 7/2021 – Present | Ombudsman for Incidence and Outcomes of Marrow Edema in Asymptomatic Basic Military Trainees: a Prospective Study (in progress) | |
| 01/2020 | Panel Discussion Member: Emerging Settings in Athletic Training, Southwest Athletic Trainers Association Student Competency Workshop | |
| 07/2019 | Panel Presentation Member: Creating an Inclusive LGBTQ+ Environment in Athletic Training, Southwest Athletic Trainers Association Annual Symposium | |
| 02/2015 – 04/2016 | Master’s Research Project: Correlating Results of a Functional Pitcher Assessment with Incidence of Injury in High School Pitchers Over a Regular Baseball Season, Texas A&M University | |
| 1/2015 – 7/2015 | Poster Presentation: TFCC Repair and Ulnar Shortening in a High School Rodeo Athlete: a Case Report | |