Parker Booth

Salt Lake City, UT • (435) 776-6640

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SKILLS

R Programming	Python	Sports Analytics	Excel	Bayesian Analysis
Vald ForceDecks	Vald NordBord	Vald DynaMo	Catapult	Swift Timing Gates

EDUCATION

The University of Utah, College of Social and Behavioral Science — Salt Lake City, UT
Master of Science in Statistics, Econometrics Specialization — *Jan 2024 - May2025*

Relevant Coursework:
- Bayesian Statistics & Econometrics
- Game Theory

The University of Utah, David Eccles School of Business — Salt Lake City, UT
Bachelor of Science in Quantitative Analysis of Markets and Organizations, Finance Emphasis — *Aug 2021 – Dec 2023*
- 3.90 GPA (Cum Laude Graduate)
- Dean's List (2021-2023)

Relevant Coursework:
- Data Analysis
- Econometric Regression

EXPERIENCE

University of Utah Applied Health Performance Science Department — Salt Lake City, UT
Sports Science Analytics Intern — *Oct 2023 – Present*
- Analyzed injury report data using R Studio, to investigate correlations between force plate metrics and injury diagnoses
- Investigated volleyball statistics alongside Catapult metrics to understand the relationship between practice intensity and game performance, contributing insights to performance optimization strategies
- Developed comprehensive visualizations and analytical discussions for end-of-season evaluations, facilitating data-driven decision-making processes to inform strategies and improvements for future seasons
- Conducted data collection initiatives for collegiate athletes, administering a range of tests including Vald ForceDecks Countermovement Jumps, Vald NordBord testing, and timing gate trials to gather valuable performance and baseline data
- Constructed and optimized API calls across multiple R files to aggregate data from external sources, enhancing data accessibility and analysis
- Researched AWS solutions and built a cloud-based data lakehouse framework ensuring scalability, security, and efficient data management while integrating with analytical software

OMNICOMMANDER — Sandy, UT
Client Experience/Marketing Coordinator Intern — *Jan 2023 – Oct 2023*
- Streamlined communication and fostered collaboration between client experience and marketing teams, resulting in enhanced efficiency and ensuring the quality of all deliverables
- Created a variety of social media deliverables for credit union marketing campaigns that effectively engage target audiences
- Conducted comprehensive website accessibility checks on credit union web pages, ensuring compliance with WCAG 2.1

PROJECTS

Master's Project — Salt Lake City, UT
Receiving a top-five pick in the NBA lottery leads to success — *Jan 2025 – May 2025*
- Analyzed NBA data to determine the impact of a top-five pick on the future success of the franchise
- Utilized OLS regressions, negative binomial regressions, and event studies to provide statistically driven insights
- Presented results to a panel of professors and effectively addressed questions and concerns