KEVIN FLOYD
Data Scientist

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EMPLOYMENT HISTORY

Data Analyst II, iFIT Inc.   May 2021 – Nov. 2023
- Developed quantitative model using Prophet R package to predict weekly equipment sales within 10% accuracy
- Performed regular & ad hoc reporting in high pressure environments to support C-level executive decisions
- Collaborated with other teams in globally distributed work environment for ongoing data collection projects
- Reviewed academic literature to better develop and automate customer-facing reports in Tableau, Excel, and Sheets

COVID-19 Disease Investigator/Data Specialist, Bear River Health Dept.   June 2020 – July 2021
- Built public-facing Shiny dashboard with interactive tables & graphs of COVID-19 case and testing data trends
- Engaged with racially, linguistically, economically, & age diverse communities while COVID-19 contact tracing

Research & Teaching Assistant, Simon Fraser University   Sept. 2017 – Aug. 2019
- Developed, researched, presented, wrote, defended master's capstone project on college basketball scheduling
- Developed quantitative models of NCAA tournament selection process, predicting 94% of selected teams
- Communicated challenging technical concepts to undergrad statistics students from wide range of backgrounds

Sports Analytics Intern, University of Utah   June 2017 – Aug. 2017
- Paired Excel, VBA with touch-screen tech to build practice tracking application for men's basketball program
- Performed quantitative analysis of training performance impact on in-game success, measured vs. Vegas line
- Prepared detailed practice reports for coaches, players, and staff to support team performance research projects

EDUCATION

MSc., Statistics   Oct. 2019
Simon Fraser University (SFU), Burnaby, BC
   Project: Ain't Played Nobody: Building an Optimal Schedule to Secure an NCAA Tournament Berth

B.S., Statistics (Magna Cum Laude), Minor in Mathematics   May 2016
Utah State University (USU), Logan, UT, USA

TECHNICAL SKILLS

R	Shiny	Data Visualization
SQL	Tableau	Machine Learning
SAS	Python	Web Scraping

ADDITIONAL EXPERIENCE
- Currently building R package to web scrape NCAA women's volleyball play-by-play data from NCAA database
- Gathered play-by-play data, replicated NBA's RAPM player projection metric for women's college basketball
- Created Markov chain statistical model to simulate game outcomes of 2020 & 2021 NCAA tournaments
- Promoted team morale, gained knowledge of rowing strategy & performance as coxswain for SFU rowing team

ADDITIONAL INVOLVEMENT
Poster Presentation, New England Symposium on Statistics in Sports, Cambridge, MA   Sept. 2023
Oral Presentation, Cascadia R Conference, Seattle, WA   June 2021
Radio Statistician/Color Commentator, USU Athletics, Logan, UT   Feb. 2020 – Mar. 2021
Poster Presentation, Canadian Statistics Student Conference, Calgary, AB   May 2019
Coxswain, SFU Rowing, Burnaby, BC   Jan. 2018 – Dec. 2018
Finalist, Vancouver Sports Analytics Symposium & Hackathon, Vancouver, BC   Sept. 2018