

KEVIN FLOYD, GStat

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<https://floydanalytics.github.io/about>

+1 (435) 764-1472 (cell)

TECHNICAL SKILLS

Expert (>5 yrs exp.): R, Microsoft Excel, Office, Statistical Analysis, Data Visualization, Web Scraping

Experienced (1-5 yrs): SQL, Tableau, Shiny, Quarto, Markdown, Google Sheets, SAS, VBA, Machine Learning

Familiar (0-1 yrs): Python, HTML, CSS, LaTeX, Microsoft Access, Database Infrastructure

EMPLOYMENT HISTORY

WBB Radio Statistician/Color Commentator, Utah State University Feb. 2020 – 21, Nov. 2023 – Present

- Provided concise, engaging, insightful analysis of game action for women's basketball radio/TV broadcasts
- Enhanced women's basketball broadcasts by identifying game stats, trends to play-by-play announcer to share on-air

Data Analyst I/II, iFIT Inc. May 2021 – Nov. 2023

- Designed, maintained Tableau reports to share sell-through trends with sales account managers, other departments
- Served as liaison to several other departments, supporting them with wholesale data insights to inform their decisions
- Synthesized several data sources using R/SQL to improve historical revenue/margin data accuracy by up to 30%
- Built global budgeting tool in Sheets, adding metadata to improve business insights while speeding data input by 40%

COVID-19 Disease Investigator/Data Specialist, Bear River Health Dept. June 2020 – July 2021

- Developed internal Shiny dashboard with interactive tables & graphs of COVID-19 case, testing, vaccine data trends
- Implemented system for uploading patient info in bulk to state COVID database, greatly cutting down upload time

Research & Teaching Assistant, Simon Fraser University Sept. 2017 – Aug. 2019

- Modeled NCAA tournament selection process using machine learning methods in R, predicting 94% of at-large teams
- Analyzed historical data to predict expected benefit of scheduling potential opponents, providing actionable findings
- Communicated challenging statistical concepts to undergrad stat students from diverse backgrounds as TA

Sports Analytics Intern, University of Utah June 2017 – Aug. 2017

- Paired Excel/VBA with touch-screen tech to build flexible, team-owned practice tracker for men's basketball program
- Analyzed impact of in-season training load/performance on game success, influencing basketball practice schedules
- 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

ADDITIONAL EXPERIENCE

- Forecasted conference, NCAA tournament results for MBB and WBB, published daily updates on personal website
- Extracted play-by-play data, replicated NBA's RAPM player value metric to analyze NCAA women's basketball players
- Created Markov chain statistical model using season statistics to simulate would-be 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

Poster Presentation, Canadian Statistics Student Conference, Calgary, AB May 2019

Coxswain, SFU Rowing, Burnaby, BC Jan. – Dec. 2018

Finalist, Vancouver Sports Analytics Symposium & Hackathon, Vancouver, BC Sept. 2018