Matt Wales

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Education

University of Minnesota   Minneapolis, Minnesota
College of Liberal Arts   September 2015 – December 2018
Bachelor of Science in Economics; Minor in Statistics   GPA: 3.62

Work Experience

Player Development Intern   Scottsdale, Arizona
Arizona Diamondbacks   January 2019 – Present
- Perform all video and sports science tasks for the alternate training site and the Reno Aces (AAA affiliate), traveling with the team and assisting in game-planning and pre-game warmups
- Carefully analyze video and examine data to create detailed advance scouting reports for Minor League Baseball coaching staff before each series
- Collaborate with coaches and front office staff to enact strategic player development measures such as pitch design, swing diagnosis, and biomechanical analysis

Baseball Operations Intern   Bloomington, Minnesota
Inside Edge Scouting Services   March 2018 – October 2018
- Used ChartIE software to chart live Major League Baseball game data with speed and precision

Projects

Advance Scouting Mobile App (iOS and Android)
React Native, JavaScript, SQLite   March 2021 – Present
- A comprehensive cross-platform mobile app that automatically generates advance scouting reports for minor league baseball staff and players to examine pre-game and in-game

Player Development Web App Suite
React, JavaScript, PostgreSQL, Node.js, Express, D3.js   October 2020 – Present
- A full-stack suite of web applications that automates various player development workflows, including one-click PDF report generation and creation of post-game data visualizations of pitch locations and details

RosterGrab
React, JavaScript, Node.js, Express,   December 2020
- A web application that consumes MLB.com API to display stats & graphs of any player's 2020 performance

Skills

- **Programming:** React, JavaScript, HTML, CSS, Node.js, React Native, Flutter, Dart, R, SQL, Python
- **Software:** D3.js, Express.js, VS Code, RStudio, Git, DaVinci Resolve, GIMP, Microsoft Office
- **Baseball Tech:** BATS, TrackMan, Edgertronic, BlastMotion, Rapsodo