

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

Minor League Video Assistant

Scottsdale, Arizona

Arizona Diamondbacks

January 2019 – April 2020

- Acted as the video coach for the Hillsboro Hops (short season affiliate), traveling with the team and performing all video and sports science tasks as well as assisting in game-planning and pre-game warmups
- Operated various types of advanced sports science technologies, including BlastMotion, Edgertronic, stadium TrackMan, mobile TrackMan, Rapsodo, 4DMotion, K-Vest, and high frame rate cameras
- Carefully analyzed video and examined data to create detailed advance scouting reports for Minor League Baseball coaching staff before each series

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, Python, SQL
- **Software:** D3.js, Express.js, VS Code, RStudio, Git, DaVinci Resolve, GIMP, Microsoft Office
- **Baseball Tech:** BATS, TrackMan, Edgertronic, BlastMotion, Rapsodo