

# Matt Wales

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## Education

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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

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### 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
- Assisted the Diamondbacks in scouting and player evaluation by recording and compiling video footage of hundreds of amateur and professional baseball games, most of which included seven different camera angles
- Carefully analyzed video and examined data to create detailed advance scouting reports for Minor League Baseball coaching staff before each series
- Completed special video assignments for the amateur scouting and international scouting departments, including the WWBA 17U World Championship, USA Baseball NHSI, and MLB Select International

### 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

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### Advance Scouting Mobile App (iOS and Android)

Flutter, Dart, SQLite

May 2020 – 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
- Supplemental features include a lineup builder to enter in the opposing team's lineup for the day, and post-game breakdowns automatically generated from TrackMan data that display pitch locations and details

### Opposing Hitter and Pitcher Dashboards

R, Python, Shiny

February 2020 – March 2020

- Interactive HTML dashboards that display basic advance scouting data for a given opposing team's players

## Skills

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- **Programming Languages:** R, Flutter, Dart, HTML, CSS, JavaScript, Python, SQL
- **Software:** VS Code, RStudio, BATS, TrackMan, Edgertronic, DaVinci Resolve, GIMP, Microsoft Office