

KYLE WASSERBERGER, MS, CSCS

I am currently a doctoral student in the [Sports Medicine & Movement Laboratory](#) at Auburn University researching mechanisms driving injury risk and performance in sport with an emphasis on baseball and softball players.

I am a former 4-year NCAA baseball pitcher. I have several years of coaching experience at the youth and high school level as well as one year of collegiate pitching coach experience.

I am looking for a position that allows me to continue searching for the best ways to reduce the risk of injury and maximize athlete performance while collaborating with people across biomechanics, strength & conditioning, rehabilitation, data science, & athlete development.

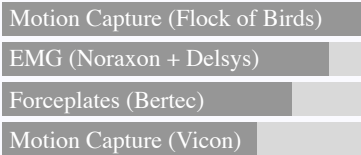


[Complete CV](#)

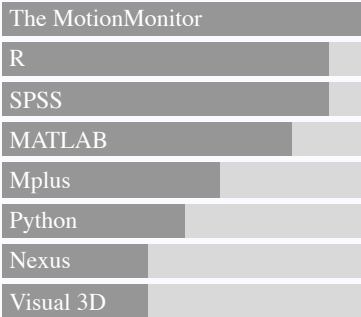
CONTACT

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[🐦 kww_AU](#)
[🌐 kww-22](#)
[G Google Scholar](#)

EQUIPMENT EXPERIENCE



SOFTWARE EXPERIENCE



OTHER EXPERIENCE



Source code: github.com/nstrayer/cv.
Last updated on 2020-09-20.

EDUCATION

- 2021
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2018

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PhD., Kinesiology
Auburn University (in progress)

• Dissertation: *The Effects of Throwing Intensity on Overhand Throwing Biomechanics - Implications for Throwing Rehabilitation*

📍 Auburn, AL
- 2018
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2017

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M.S., Kinesiology; Biomechanics Emphasis
Auburn University

• Research assistant; Sports Medicine and Movement Laboratory

📍 Auburn, AL
- 2016
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2012

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B.A., Exercise Science; Pre-Professional Emphasis
Calvin College

• Pitching Coordinator

📍 Grand Rapids, MI

PROFESSIONAL EXPERIENCE

- 2017
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2016

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Assistant Varsity Baseball Coach
Calvin College

• Pitching Coordinator

📍 Grand Rapids, MI
- 2017
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2016

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Head Strength & Conditioning Coach
Hofbauer Performance

• Dry land training for hockey players
• Individual, small group, and team settings

📍 Byron Center, MI

RECENT PUBLICATIONS

- **External Rotation Weakness Partially Accounts for Increased Humeral Rotation Torque in Youth Baseball Pitchers**
Journal of Science & Medicine in Sport
- **Glenohumeral & Hip Range of Motion in Youth Softball Athletes**
International Journal of Sports Medicine
- **Using the Single-Leg Squat as an Assessment of Stride Leg Knee Mechanics in Adolescent Baseball Pitchers**
Journal of Science & Medicine in Sport

UPCOMING PROJECTS

- **Examination of the Kinetic Chain during Baseball Pitching using Energy Flow Analysis**
Full-body analysis of energy generation, absorption, and transfer during the baseball pitch
- **Mechanical Energy Exchange at the Shoulder and Elbow during Baseball Pitching**
Examine shoulder & elbow joint loads during critical pitching phases