

Isabelle (Belle) Schmidt

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A high-academic student athlete on the university softball team with a passion for numbers preparing for a career in sports analytics. Naturally curious, eager to learn, and a leader with a strong desire to make contributions.

EDUCATION

St. Olaf College, Northfield, MN

Anticipated Graduation: May 2026

Bachelor of Arts, Major: Mathematics

Concentrations: Statistics & Data Science and Management Studies

GPA: 3.85

Eastlake High School, Sammamish, WA

June 2022

Honors/Awards: President, Random Acts of Kindness | PR Officer, ASB | KingCo Student Athlete Leadership | Varsity Softball Capt.

GPA: 4.0 - Including a combination of 12 AP and University of Washington courses

RELEVANT SKILLS

Technical: Proficient in R, Python, Shiny App, and C++; currently learning SQL

Data Analysis Techniques: Experience with Random Forests, KNN Models, Quadratic Discriminant and Linear Discriminant Analysis, Lasso, Ridge, Logistic, and Linear Regression Models, Cross-Fold Validation, and Bootstrapping

Math: Knowledgeable in Statistical Analysis, Prob Theory, and Discrete Mathematical Reasoning plus model building & evaluation

Communication: Strong written, verbal, and interpersonal communication skills

Diamond Sports: D3 softball player knowledgeable of performance metrics and versed in game strategy and player roles

WORK EXPERIENCE

Fellow, Carnegie Mellon Sports Analytics Camp | Pittsburgh, PA

June 2024 - July 2024

Group-focused research program under the guidance of industry experts, Dr. Ron Yurko and Quang Nguyen

- Leveraged machine learning techniques to identify weaknesses in MLB Stuff+ pitching metric to make industry recommendations for improving its effectiveness in pitcher evaluation
- Developed and delivered presentation on research findings at the Carnegie Mellon Sports Analytics Conference

Analyst, St Olaf Football | Northfield, MN

August 2024 - Present

A division 3 college football team in the MIAC athletic conference

- Operated GameStrat to capture game footage and record gameday statistics for evaluating player and team performance
- Reviewed video of competitors plus D1 collegiate and professional teams to scout opponents and ID plays for game plan

Gameday Staff, St Olaf Athletic Department | Northfield, MN

October 2022 - Present

The athletic department of 26 varsity sports

- Support gameday operations, including ticketing and coordinating hockey game logistics

Fellow, St Olaf Admissions Office | Northfield, MN

January 2024 - Present

An admissions office for a high academic liberal arts college in Northfield, MN

- Conducted dozens of campus tours, utilizing strong communication and interpersonal skills to earn high praise from students

LEADERSHIP & CO-CURRICULAR ACTIVITIES

Outfielder, St. Olaf Softball | Northfield, MN

September 2022 - Present

A division 3 college softball team that has consistently finished in the top four in the MIAC athletic conference

- Applied work ethic, dedication, and time management to overcome adversity and contribute to successful softball program
- Have an extremely high softball IQ to make strategic decisions at the plate, in the field, and on the bases

President, St. Olaf Sports Analytics Club | Northfield, MN

September 2024 - Present

A student led organization of math and sports enthusiasts dedicated to applying analytics across various sports

- Lead bi-weekly meetings focused on teaching R-skills, such as reading in and pivoting data, using dplyr, and creating EDA
- Currently initiating statistical analysis projects for the St. Olaf softball and tennis teams, to be completed in the academic year

Co-Director, Hopefest | Sammamish, WA

March 2020 - July 2022

A youth-led, non-profit serving families experiencing homelessness

- Organized annual event providing food, clothes, hair cuts, family tracing, toiletries, and toys to over 1,000 families
- Collected thousands of toys through network of partner organizations by leveraging communication and organization skills