

# Isabelle (Belle) Schmidt

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## 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, General Additive Models, 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 with 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

**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

### Other Leadership & Co-Curricular Activities:

- **Outfielder**, St. Olaf Softball: Three year member of varsity athletic team
- **Member**, Student Athlete Advisory Board: Represent and advocate for student athletes and organize local events
- **Event Organizer**, Oles For Opportunities: Organizing youth softball clinic
- **Member**, Ole Leadership Academy: Selected as softball representative in athletic leadership organization
- **Volunteer**, Special Olympics: Support athletes with developmental and academic disabilities