COLE SHEGAN SINIAWSKI

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EDUCATION

Denison University | Granville, OH   Expected Graduation May 2026
Bachelor of Arts, Data Analytics | Minor, Economics   GPA: 3.67

- **Relevant coursework:** Data Systems: access, structure, storage, and representation of data
  Applied Statistics: statistical methods and statistical reasoning
  Prescriptive Analytics: optimization and linear programming, reinforcement learning, simulation, decision analysis
- **Honors and Awards:** Dean's List

RELEVANT SKILLS

Languages and libraries: Python, r/RStudio, SQL
Software Tools: Tableau, Excel, Github, Jupyter Notebooks
Certifications & Trainings: Research Community Members - CITI Program (Fall 2022) | Berlin Sport Analytics Academy - Syracuse University (Summer 2021) | Business Analytics Credential - Denison Edge (Fall 2023)

PROJECTS & RESEARCH

Syracuse Sports Analytics Course | Syracuse, NY   Summer 2021
NHL Free Agent Signing Prediction (Gabriel Landeskog)

- Collected performance data through hockey-reference.com and contract data through capfriendly.com
- Analyzed performance of players to find similarities and differences to construct a prediction
- Model back-tested well based upon actual performance

Denison Data Analytics 101 | Granville, OH   Fall 2022
2022-23 Stanley Cup Prediction

- Merged and transformed 2 unique team performance datasets into a developmental dataset
- Built a regression model predicting team performance during the season
- Tested and applied the model to playoffs to predict the Stanley Cup champion

Denison University | Granville, OH   Fall 2023
Big Red Data Challenge | Force Plate Analysis

- Evaluated force plate data from 4 individual varsity teams at Denison University
- Analyzed the disparities of forces at each stage of countermovement jumps to predict & prevent possible ACL injuries

WORK EXPERIENCE

EXL Service | New York City, NY   May 2023 – August 2023
Assistant Manager, Consultant, Intern

- Researched public domain market data on companies operating within 2 different sports arenas
- Formulated 3-4 possible market entries for EXL into each industry
- Wrote a short article on Generative AI implications for sponsors and presented findings to executives

Denison University | Granville, OH   March 2023 – August 2023
Orientation Leader

- Mentored 15 first-year students how to transition, navigate college life, and be successful via group sessions, activities and group lectures

ON-CAMPUS LEADERSHIP AND INVOLVEMENT

Leadershape - Student Leadership Center   August 2022
Student Leader

- Improved upon leadership skills through team-building exercises, group activities, and lectures on how to make an impact in our community

Campus Affairs Council   Fall 2023 – Present
Council Member

- Coordinate with staff, students, and faculty to cooperatively design recommendations for issues under administrative purview, including student safety & health, residence & dining halls, recreational life and intercollegiate athletics