COLE SHEGAN SINIAWSKI

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EDUCATION

Denison University | Granville, OH   Expected Graduation 05/2026
Bachelor of Arts, Data Analytics | Bachelor of Arts, Economics   GPA: 3.72
- **Relevant coursework:** Applied Statistics, Prescriptive Analytics, Econometrics, Seminar in Data Analytics
- **Honors and Awards:** Senior Economics Fellow, R. Stanly & Janet O. Laing Award, Dean's List

RELEVANT SKILLS

Languages and libraries: Python(NumPy, Pandas, PySpark), r/RStudio(Tidyverse, ggplot), SQL
Software Tools: Tableau, Excel, Github, Jupyter Notebooks, Hadoop, Hive
Certifications & Trainings: Business Analytics Credential - Denison Edge (11/2023) | Research Community Members - CITI Program (08/2022) | Berlin Sport Analytics Academy - Syracuse University (07/2021)

WORK EXPERIENCE

PNC Bank | Pittsburgh, PA   06/2025 – 08/2025
Quantitative Analytics Intern
- Evaluated consumer credit card cannibilization, approval & acceptance rates via SQL queries of 4 databases
- Generated data visualizations and dashboards supporting executive and leadership presentations and consumption
- Developed capstone project evaluating debit/credit card transactions to offer customers additional PNC products

Carnegie Mellon Sports Analytics Camp | Pittsburgh, PA   06/2024 – 07/2024
Carnegie Mellon Sports Analytics Camp Research Fellow
- Learned advanced analytics methods for sports analytics from small group lectures and labs
- Divided into groups of 3, gathered open-source data, researched, analyzed, and presented a capstone project advised by the Pittsburgh Penguins measuring consistency among NHL forwards in a presentation and poster

EXL Service Holdings | New York City, NY   05/2023 – 08/2023
Analytics 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

PROJECTS & RESEARCH

Denison University | Granville, OH   08/2024 – 12/2024
Practicum in Data Analytics | Five Star Fans Internship and Project
- Collected website data through fivestarfans.com and fan & athlete data through from daily & weekly reports
- Analyzed user engagement, user retention, and Google analytics through curation of dashboards in Tableau
- Modeled new users to fivestarfans.com using ARIMA forecasting model on bootstrapped data

Carnegie Mellon Sports Analytics Camp | Pittsburgh, PA   07/2024
Measuring Consistency in NHL Forwards Performance
- Merged and transformed 36 unique player performance datasets into a developmental dataset
- Evaluated predictability of metrics from season to season, standardize metrics using z-score, and determine weights for combined offensive metric utilizing principal component analysis
- Measured consistency by weighted mean change of individual offensive metrics and combined offensive ability metric

Denison University | Granville, OH   10/2023
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

LEADERSHIP AND INVOLVEMENT

Newark Ice Hockey Association   08/2024 – Present
Junior Varsity Assistant Coach
- Coaching student-athletes in advanced hockey strategies, designing and implementing drills that enhance technical skills, game awareness, and overall team performance by leading on-ice training sessions

Campus Affairs Council   09/2023 – 05/2024
Council Member
- Coordinated 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