

# Maxwell Gerhart

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## Education

**Penn State University** – BS Data Science, Minor Economics  
GPA 3.61, Capital Honors College

Expected Graduation May 2027

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## Experience

**America Scouted** – Instagram and X Accounts

May 2023 – Present

- Covered NCAA soccer games and players
- Created data visualizations such as radar charts and tables with Python
- Utilized software like Illustrator and Canva to create engaging graphics

**Premier League Match Predictor** - Project

January 2025

- Implemented a Python program to calculate probabilities for outcomes
- Made use of the Poisson Distribution

**Eastern Pennsylvania Referee Program** – Soccer Referee

January 2021 - December 2024

- Officiated games for youth players
- Ensured a safe and fair playing environment

**First Watch Restaurant** – Busser

September 2023 – Present

Hershey, Pennsylvania

- Displayed teamwork and communication skills
- Demonstrated customer service

**Developmental Sports Analytics Laboratories** – Gameday Intern

May 2024 - July 2024

Reading, Pennsylvania

- Recorded game day statistics for Reading United's USL2 and WPSL teams
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## Skills & Abilities

**Python** – Advanced

- Known libraries include pandas, numpy, matplotlib, plottable, scikit-learn
- Strong web scraping skills developed through previous projects
- Experience from multiple high school and college courses

**Java** – Intermediate

- Experience from AP Computer Science and college

**Adobe Software** – Intermediate

- Created logos, thumbnails and graphics using Illustrator and Photoshop