

# Ryan J. Sexton

Allentown, PA

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Portfolio: <https://ryansexton.github.io>

## EDUCATION

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University of Delaware, Newark DE May 2025  
Degree: Bachelor of Science Computer Science – Data Analytics  
Minor: Statistical Data Analytics  
Overall GPA: 3.4  
Dean's List: Spring 2022, Fall 2022, and Spring 2023  
Relevant Coursework: Data Structures, Algorithms, Data Mining, Software Engineering, Logic for Programming, Parallel Computing, Regression and Design, Statistical Methods, Statistical Programming

## SKILLS

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Languages: Python, R, C, SQL, SAS, TypeScript, HTML, CSS  
Software: Microsoft Excel, Power BI, R Studio, Git

## RELATED EXPERIENCE

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University of Delaware, College of Engineering, Newark, DE Fall 2021  
*Spinning Pencil Holder, EGGG101: Introduction to Engineering*

- Created 3 models of a spinning pencil holder to help students who have attention span issues and chose.
- Met 2 times weekly and reached project goals created by my team to stay on schedule.
- Won 3<sup>rd</sup> place Best in the show out of over 100 students in the department of engineering.

University of Delaware, Department of Computer Science, Newark, DE Spring 2023  
*Website – CISC275: Introduction to Software Engineering | Typescript, HTML, etc.*

- Architect a shopping website using typescript and HTML leading to a 50% reduction in page load time
- Fulfilled a customers need to have a working shopping website within 4 months.

University of Delaware, Newark, DE Spring 2024  
*Sports Science and Analytics Intern | Trackman Baseball*

- Tracked the performance of the University of Delaware's D1 Women's Lacrosse team.
- Analyzed player performance data of 37 players to generate comprehensive reports for coaches and trainers.
- Oversaw a 46% increase in team win rate.

## OTHER EXPERIENCE

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Boy Scouts of America, East Texas, PA Nov 2020 – Dec 2021  
*Eagle Service Project*

- Led a service project of over 20 scouts to take down an old playground and set up a picnic area.
- Project was done for local church and their pre-school program.
- Created a final report of the project once finished and presented to local BSA council.

## ACTIVITIES

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Boy Scouts of America Troop 431, East Texas, PA Aug 2014 – Pres.  
*Eagle Scout, Assistant Senior Patrol Leader, Patrol Leader, Scribe, and Historian*

- Achieved the rank of Eagle Scout.
- Became Brotherhood Member in the Order of the Arrow, Scouting Honor Society.
- Learned how to be a leader, gained important life skills, and useful first aid and outdoor knowledge.

Association for Computer Machinery, Newark, DE April 2022 - Pres.  
*Member*

- Participated in coding topics and listened to speakers about different areas in the industry