

Ryan J. Sexton

Allentown, PA

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

EDUCATION

University of Delaware, Newark DE

May 2025

Degree: Bachelor of Science Computer Science – Data Concentration

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, Statistical Regression and Design, Statistical Methods, Statistical Programming

SKILLS

Languages: Python, R, C, SQL, SAS, TypeScript, HTML, CSS, Java

Software: Microsoft Excel, Power BI, R Studio, SAS On Demand, Tableau, Flask

Skills: Data Cleaning, Data Analysis, LDAP

RELATED EXPERIENCE

University of Delaware, College of Engineering, Newark, DE

Fall 2024

Modernizing accounts.eecis.udel.edu, Senior Design Project | Flask, LDAP

- Team Manager for 7 senior computer science students
- Client was University of Delaware's Electrical & Computer Engineering and Computer & Information Sciences Department's IT Engineer.
- Project modernized the department's Accounts System webpage and server.

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 client's need to have a working shopping website within 4 months.

Personal Project, Ryan Sexton, Allentown, PA

August 2024

Personal Financial Dashboard | Excel, Power BI

- Created a Power BI Dashboard to help with the need of keeping track of my personal finances.
- Used Excel Spreadsheet as data source for Power BI dashboard.
- Successfully helped lower expenses and increase savings along with teaching me database management skills.

OTHER EXPERIENCE

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

Boy Scouts of America Troop 431, East Texas, PA

Aug 2014 – Pres.

Eagle Scout, Assistant Senior Patrol Leader, Patrol Leader, and Scribe

- 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.

Blue Hen Data Analytics Club, University of Delaware

Sep 2024 – Pres.

Analyst

- Collaborated with a team to develop a comprehensive data analysis over a 3–4-month period, utilizing tools such as Python, R, Excel, Power BI, and Tableau.
- Gained hands-on experience in statistical methods, data cleaning, preprocessing, and modeling to apply real-world insights.
- Presented findings at the end of the semester, showcasing the team's ability to leverage data-driven decision-making