Ryan J. Sexton

Allentown, PA

484-866-2137 | rjsexton@udel.edu

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, Git, SAS On Demand

RELATED EXPERIENCE

University of Delaware, College of Engineering, Newark, DE   Fall 2024
Modernizing accounts.eecis.udel.edu, Senior Design Project | Python, Python Flask, CSS, SQL
- 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 is modernizing 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.

Association for Computer Machinery, University of Delaware   Apr 2022 - Pres.
Member
- Participated in coding topics and listened to speakers about different areas in the industry.

Blue Hen Data Analytics Club, University of Delaware   Sep 2024 – Pres.
Member
- Professional club where we work on Data Workshops and complete a project to show off skills.
- Acceptance requires an application and review by the E-board, only those with a passion in data are accepted.