Zoe Pendleton

423.579.0887 | pendletonz@etsu.edu | https://github.com/zpendlet | **https://zpendlet.github.io/Portfolio/**

Summary

Current computing student at East Tennessee State University, eager to contribute to meaningful and innovative projects in data analytics, cybersecurity, and software development. Dependable, professional, and enthusiastic.

Skills

- C#
- Python
- MySQL/SQL
- Basic networking knowledge
- Cybersecurity concepts
- Data analytics
- HTML/CSS/JS
- Server-side programming
- Version Control
- OOP

Education

B.S in Computing, East Tennessee State University – 3.7 GPA *(expected May 2025 grad)*

- Relevant courses: server-side programming, cybersecurity, data analytics, database programming, discrete mathematics
- Dean's list member

Applied A.S, Northeast State Community College – 3.7 GPA, Magna Cum Laude *(May 2023 grad)*

- Relevant courses: C#, OOP, database and SQL basics, web design basics, python, statistics
- Capstone: Worked with a small team to write use case documentation for a website created and deployed for a client.

Has been accepted for an upcoming research experience for undergraduates (REU) at University of Texas at Arlington: 2024 Animal Language Processing and Understanding with the Arlington Computational Linguistics Group.

Projects

Portfolio Website

- Hand-coded a sleek, mobile-accessible portfolio website to demonstrate skills in front-end web development; this is an ongoing, regularly updated project.
- Tools: Visual Studio Code, HTML/CSS, Github/Git, figma.com

API Consumption with Graphical User Interface

- Developed a responsive, user-friendly interface that communicates with RESTful API endpoints to retrieve and display data based on a user query.
- Tools: C#, Visual Studio, Avalonia, JSON, API consumption, Github/Git

Sentiment Analysis with Python

- Preprocessed a dataset of real tweets from Kaggle.com to train a Naïve Bayes model to make predictions on sentiment—either positive or negative. Model predicts with 80% accuracy.
- Tools: Python, PyCharm, NLTK, Scikit-learn, ML/AI