ZESHAN BASARAN

Computer Science Student

@ zeshan.basaran@gmail.com 📞 443-605-8174 📍 Baltimore, MD 🌐 zeshanbasaran.github.io/ in zeshanbasaran
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PROJECTS

Translator (English-Binary-Morse)

📅 11/2023 - 12/2023 📍 Towson University

🔗 Translator (English-Binary-Morse) on Github

Developed a Java program that translates messages between English, Morse code, and ASCII binary code for my COSC 237 final project.
- Utilized concepts of subclasses, abstract classes, and polymorphism to practice proper code organization.

Movie Sentiment Analysis

📅 01/2023 📍 Personal Project

🔗 Movie Sentiment Analysis on Github

Created a Python program that uses natural language processing (NLP) and machine learning algorithms from scikit-learn to analyze a user's sentiment regarding a movie.
- Dataset was a collection of IMDB reviews from Kaggle.
- It recieved 1000 positive and 1000 negative movie reviews from the dataset for training and testing.

Data Analysis for Sensors

📅 12/2022 📍 Allen Institute (Seattle, WA)

🔗 Sensor Data Analysis on Github

Composed a program in Python to organize data collected by the institute.
- Program was created for a connection at the institute, with extensive comments so the researcher could modify the program as necessary.
- Organized 4,441 data points collected from glutamate sensors.

EXPERIENCE

Server

Cypriana

📅 08/2023 - Present 📍 Roland Park, MD

- Provided high-quality service to elite guests, such as US senators and political candidates.
- Consistently received 5 star reviews and averaged over 20% on tips.
- Welcomed and mentored new team members.

To-Go Specialist

Olive Garden

📅 08/2018 - 06/2023 📍 Westminster, MD

- Took phone calls and prepared to-go and large catering orders while accommodating special requests.
- Delivered exceptional customer service, contributing to our 99% on-time delivery and 99% order accuracy for to-go orders.
- Successfully onboarded and trained 15-20 new team members, ensuring their seamless integration into the team and adherence to company standards.

EDUCATION

B.S. in Computer Science

Towson University

📅 2022 - Present 📍 Towson, MD

- GPA: 3.8 / 4.0
- Expected Graduation: Spring 2025
- Dean's List

Coursework toward B.S. in Engineering

Virginia Polytechnic Institute

📅 2020 - 2021 📍 Blacksburg, VA (Online)

- GPA: 3.1 / 4.0
- Prerequisites such as Calculus 1 & 2, Physics 101, and Basic Engineering Design

High School Diploma

Francis Scott Key High School

📅 2016 - 2020 📍 Union Bridge, MD

- GPA: 4.0 / 4.0
- Honors and AP Classes
- National Honors Society President
- Environmental Club Advisor
- Mock Trial Witness and Lawyer
- Girls Soccer and Track
- Speaking roles in 5 theater productions

VOLUNTEERING

Coding Club Workshop

Carroll County Public Library - Westminster Branch

📅 A Week in June 2022

Assisted a week-long coding workshop for middle and high schoolers.
- Provided one-on-one guidance and supported the participants as they worked through coding exercises and projects, leading to a 100% completion rate for all 30 coding exercises.
- Acted as a mentor and role model for 30 aspiring programmers by fostering a positive and inclusive learning environment.

SKILLS

Python (Pandas) **HTML/CSS** **C++** **Java**

Git/GitHub **MATLAB** **LaTeX** **Typst**