Paul-Ioan Cloțan

Cluj, Romania | +4077 148 1731 | clotan.paul@gmail.com

Education

BACHELOR OF ENGINEERING | 2019-2023 | TECHNICAL UNIVERSITY OF CLUJ-NAPOCA

· Major: Automation and Applied Informatics
· Relevant coursework: Computer Programming, Algorithmic Design, Software Engineering, Systems Identification

BACCALAUREAT | 2015-2019 | NATIONAL COLLEGE GHEORGHE LAZAR SIBIU

Work Experience

SOFTWARE DEVELOPER INTERN | GARMIN | 07/2022 – 09/2022

· Developed a food ordering application to enhance my knowledge regarding technologies used in the main project.
· Worked as a part of a 7-remember team to extend a complex web solution to support annual and monthly subscription plans.
· Developed WEP API endpoints using ASP.NET and tested relevant scenarios using Postman and JavaScript.
· Learned how to approach challenging unknowns that appear during the development cycle of a task.
· Tech stack: C#, JavaScript, SQL, LINQ, Razor, Git.

Personal Project

IMAGE CLASSIFICATION PROJECT | 2023

· Utilized the Rock, Paper, Scissors dataset from Kaggle to predict hand stances in images and classify them into three labels.
· Designed and implemented a custom Convolutional Neural Network architecture using Keras in Python, achieving over 90% accuracy.
· Tech Stack: Python, Keras, Pandas, Matplotlib, Numpy

Courses

PYTHON FOR DATA SCIENCE AND MACHINE LEARNING BOOTCAMP | UDEMY | 2023

· Hands-on experience with various classification, regression, and clustering techniques.
· Performed data preprocessing, visualization, and feature engineering on various datasets.
· Learned to balance complexity and needed computational power to train my model to achieve the best possible results.
· Implemented a natural language processing (NLP) project predicting the star rating of a Yelp Review by analyzing text features, achieving over 85% accuracy.
· Learned about Deep Learning concepts such as Back Propagation and Activation Functions.
· Tech Stack: Python, Numpy, Matplotlib, Seaborn, Pandas, Scikit-learn.

Certifications

INTRODUCTION TO STATISTICS | COURSERA | 2023

Skills

Keras • Scikit-learn • Matplotlib • Python • Pandas • Git • Teamwork • Communication • Time Management