

Julian Douglas

07518 947242 | jualdouglas@gmail.com | [linkedin.com/in/julian-douglas](https://www.linkedin.com/in/julian-douglas) | github.com/julian-douglas

I am an enthusiastic and outgoing person with a passion for building meaningful connections, and a desire to learn and collaborate on impactful projects. I love reading, gaming, cooking, hiking, travelling, and trying out new experiences.

Professional Experience

ContactEngine

London, UK. Feb 2022-Present

Data Scientist

Build and improve client transformer-based models in Azure; created a Docker program to use ChatGPT to automatically suggest a message to a customer given their conversation history, leading to a projected 95% reduction in time spent on cases; perform data analysis to identify more intents and automated behaviours, resulting in 45% reduced agent costs for one client

United Nations

Remote. Oct 2021-Feb 2022

Data Analytics Intern for Climate Change

Performed data analysis; wrote code for automated demographic analysis; kick-started the transition into a new relational database system; organised events at COP26; promoted the Climate Change Now initiative

The University of York

York, UK. Aug 2019-July 2020

Assistant Accountant

Problem solved: assisted students with their queries; sent out invoices to clients; resolved debt

Education

The University of Bath

Bath, UK. Sept 2020-Sept 2021

Computer Science MSc

Modules of Interest: *Databases, Cyber Security, Software Engineering, Artificial Intelligence*

Research project: building an animal detection machine learning model in real-time speeds, for use on drones.

The University of Edinburgh

Edinburgh, UK. Sept 2014-Sept 2019

Mathematics and Statistics BSc. Grade: 1st Class

Modules of Interest: *Statistical Computing, Operational Research, Statistical Machine Learning*

Research project: building a model to predict likelihood of women developing breast cancer.

Personal Projects

Weather App Web Scraper

An experimental alternative to making API calls. This project scrapes data from a weather app and runs analytics.

Image Captioner

An app that uses FastAPI and Transformers to automatically generate a caption using AI for an uploaded image.

Skills

Languages: Python, JavaScript, Java, C#, TypeScript, HTML, CSS, SQL

Libraries and frameworks: NumPy, Pandas, Matplotlib, Seaborn, Jupyter, Scikit, SciPy, PyTorch, BeautifulSoup, React.js, Node.js, Flask, FastAPI, RestAPIs, Docker, LLMs, PostgreSQL, MySQL

Machine learning: SVMs, regression, random forests, CNNs, XGBoosting, Transformers

Process knowledge: Testing, Git, Azure, Jira, Agile, Scrum, backlog to done process