Daniel Pereira De Abreu

MSci Computer Science With AI & Year in Industry Student

Third year student, enrolled on MSci Computer Science with Artificial Intelligence at the University of Nottingham, with the goal of specialising in Machine Learning and Natural Language Processing.

Friendly, energetic and motivated to engage with a likeminded team to provide in a productive work environment. I have recently completed a project with Ideagen developing an AI Meeting Summariser consisting of state-of-the-art machine learning models, additionally, from my recent summer internship as an AI engineer with BlueSkeye AI, I developed an AI that output emotional states depending on action units. I've also designed and currently manage my e-commerce business on the side of my education, while also actively completing online courses during my spare time to enhance my skills and create smaller, personal projects such as my current sentiment analysis chatbot and spam detection system.

Work History

2021-2022

John Lewis Partner Apple Champion

John Lewis Victoria Centre, Nottingham

- Answer product questions with up-to-date knowledge of sales and store promotions.
- Maintain internal visual merchandising and in-store displays and ensure store appearance always met company standards to drive continuous sales.
- As the Apple Champion I check up on all staff that requires any Apple seed training while also answering any queries regarding products.
- Train and develop new sales team associates in products, selling techniques and company procedures.
- Work alongside retail representatives such as Apple, Bose, Bang Olufsen and Sony to boost product knowledge and sales.
- By working at the technology floor of John Lewis, it has given me an insight into what products customers are mainly interested in and the software that they use among several age groups.

2022-06
2022-09

Artificial Intelligence Engineer Summer Intern

BlueSkeye AI, Nottingham

- Trained and improved the capability of an AI in understanding mental health based upon apparent expressions and car cabin driver behaviours
- Worked on a facial recognition system that output valence/arousal depending on the facial action units of individuals.
- Created data parsing scripts to turn human annotated datasets into CSV files for comparison with the software made annotations
- Created clusters to compare human made data and software made data
- Created and assisted in a data collection programme of 100 participants

Contact

Address
Nottingham,
Nottinghamshire, NG73HA

Phone
+447465951120

E-mail
danielabreu1738@gmail.com

Skills

- Python
- R
- Pandas
- Numpy
- Scikit-learn
- TensorFlow
- PyTorch
- Keras
- SQL
- Spark
- Predictive Modelling
- Natural Language Processing
- Marketing and advertising
- Bayesian Statistics
- Probability
- Team Leadership

2017-06 - 2019	**Restaurant Manager**

Pizza Express, Harpenden, Bedfordshire
- Led and directed team members on effective methods, operations, and procedures.
- Delivered in-depth training to workers in food preparation and customer-facing roles to promote strong team performance.
- Resolved challenging customer complaints to full satisfaction, promoting brand loyalty and maximizing repeat business.
- Continuously evaluated business operations to effectively align workflows for optimal area coverage and customer satisfaction.
- Promoted positive atmosphere and went above and beyond to guarantee each customer received exceptional food and service, alongside staff satisfaction.
- Oversaw front of house personnel to maintain adequate staffing and minimize overtime.

2017-02 – 2017-06	**Head Waiter**

Pizza Express, Harpenden, Bedfordshire
- Stayed up to date on menu changes to offer current and accurate information, answer questions and help customers select optimal meal choices based on individual preferences.
- Used correct cleaning, sanitizing and food handling procedures to maintain optimal protections for customers.
- Trained incoming staff on restaurant's practices, culture and procedures to maximize job satisfaction and productivity.
- Maintained customer satisfaction with timely table check-ins to assess food and beverage needs.
- Monitored dining rooms for seating availability as well as service, safety, and well-being of guests.

Education

2020-09 - Current	**Master of Science: Computer Science With Artificial Intelligence**

University Of Nottingham - Nottingham

2018-09 - 2020-06	**A Level**

Luton Sixth Form College - Luton
- A Level Computer Science - A
- A Level Geography – A
- A Level Mathematics - A
- National IT Diploma - A*/A*

Certifications

2022/01 – Natural Language Processing (Udemy)
2021/08 – Machine Learning A-Z Python & R (Udemy)
2021/09 – The Complete Cryptocurrency Course (Udemy)
2020/03 – Online E-commerce Success (Udemy)
2020/02 – C# Unity Development (Udemy)
2020/02 – RPG Game Development in Unity (Udemy)
2020/05 – Forex Trading A-Z (Udemy)
2020/07 – Ethical Hacking (Beginner-Intermediate) (Udemy)
2020/03 – Facebook Marketing 2020 (Udemy)

References

References will be available upon request

Languages

English ●●●●●

Portuguese ●●●●●

Spanish ●●●●●

German ●●●○○

Hobbies

- Work out
- Travel to new places
- Listen to various music genres
- Read Manga
- Play basketball
- Try out new recipes

Accomplishments

-Supervised team of 8 members.
-Developed and run an interactive and dynamic e-commerce website.
-Developed a car sales system using visual basic
-Currently run my own online company, managing email campaigns, digital marketing, sales, financial reports, customer queries and inventory tracking.
-Developed a spam detection system.
-Developed a chatbot using NLP
-Developed a sentimental analysis prompt software