Conor Bailey

Artificial Intelligence MSc

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About Me

I am an enthusiastic and outgoing person, with a strong background in both team leadership and participation within both my professional and personal life. I have developed a confidence with my problem-solving skills and ability to overcome new challenges within both my university degree and personal projects. I am incredibly social, having actively participated in many public events.

Education

MSc Artificial Intelligence, The University of Kent, Sept 2021 – Sept 2022

[2:1, Merit]

As part of this degree, I have worked in modules such as (but not limited to): Cognitive Neural Networks; AI Systems Implementation; Data Mining and Knowledge Discovery; Natural Computation; etc.

As part of my final dissertation, I completed a project with the title "Using a Deep Neural Network to Produce Novel Music". Achieving this with Python using libraries such as Matplotlib, NumPy, and Tensor Flow. At the end of the project, I improved my research ability to better communicate and justify development decisions.

BSc Computing, Buckinghamshire New University, Sept 2018 – July 2021

[2:1 Class Honours]

Through my time studying I worked on modules such as (but not limited to): Intelligent Systems; Object Orientated Systems; Open Sources Systems; Advanced Mobile Systems; Database Technologies; Knowledge-Based Systems in AI; Quality Assurance and Testing; etc.

As I approached my Dissertation I chose to focus more on my interest in Mobile Development, later working with a real-world company (The Complete Golfer) to create a booking application as part of my final project.

Employment History

Website Administrator, Complete Golfer,

Northwood, July 2014 – Present

Within my time at the company, I progressed from Shop Assistant to becoming one of the Website Administrators. As part of this role, I help with live updates to products and stock on their heavily trafficked website. I also participate in helping run social media accounts for marketing with different product launches. Within my work at The Complete Golfer, I feel I have been able to express my technical ability as well as sales ability. I have grown a better understanding of customers and their shopping habits, using this knowledge to help produce better opportunities for online sales.

Sony Ambassador and Sales Advisor, O2,

High Wycombe, February 2020 – September 2021

Using O2's LEAP framework for sales to ensure I delivered a unique and personal customer experience within the store. Later becoming the Sony Ambassador, ensuring my colleagues were informed on the latest emerging technologies and devices offered by Sony. Within this role I used my critical thinking skills to ensure customers were able to get the best product and deals for them. I was passionate about the mobile devices we had to offer and dedicated my time to understand them fully to provide better and more situation-based sales to our customers. Collaborating with my team, we worked hard to keep the front of shop up to date to ensure a comfortable environment for customers.

Deployment Engineer, Blink,

London, September 2019 – October 2019

I helped to ensure different company departments were introduced fully to the Blink app, which provided a company-based communication network. As part of this role, I trained staff of various companies on the application we were offering, providing support with any enquiries and technical issues. With enquiries from different people, I had to analyse a range of different issues to diagnose any problem areas, finding the best practical solution.

Skills & Achievements

- Strong knowledge with Java Script and Android Development, having worked on projects both personally and within a team.
- Very proficient in Python, making this my main programming language. Through my studies I had experience with and developed knowledge on Matplotlib, TensorFlow, NumPy and Pandas.
- A firm basis of database management knowledge, using both SQL and JSON code.
- I have worked on a variety of programming projects using languages such as Python, Java Script, C++, PHP, HTML, etc. With source code available on my GitHub.
- I was elected the Junior Captain of Moor Park Golf Club in 2017. As part of this, I had to lead the team through public speeches for both home and away matches. In meetings with the governing bodies of the club I would represent my teammates interests and concerns. I also lead the team on a trip to Antwerp where we had an annual competition.
- Participation within the DofE bronze award.

Hobbies & Interests

I am a keen golfer, having represented my club in various events across the country. I have interrailed around Europe, as I enjoy being adventurous and exploring new cultures. I am an avid reader with research interests in computing, having most recently enjoyed "Human Compatible" by Stuart Russel. I also have a strong interest in music within a range of genres, having allowed this to influence my choice in my dissertation project.

After my studies I have made an effort to continue research into different areas of machine learning and AI. I enjoy using Kaggle to browse datasets, seeing what ML can be done within different fields. I also work on personal projects within Android Studio and Python scripts, mainly creating programs that may help to boost my productivity, some of which I have added to a personally curated Instagram.