**Data Science and Machine Learning Intern**

**Yeva Yesypenko**

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I am a second-year Computer Science student at the University of East Anglia, and I thrive in a community of like-minded people where I can contribute in problem-solving, communication and my technical skills. With a strong foundation in AI and machine learning, I want to bring innovative thinking to your team.

**EDUCATION**

**University of East Anglia** **Norwich, UK**

*BSc in Computing with Creative Technologies September 2022 - June, 2026*

* Have been involved in multiple study groups throughout two years where I showed problem-solving and communication skills, while putting forward my own ideas and making sure everyone is heard, resulting in all teamwork marks being over 67%.
* Involved in targeted group projects aimed at solving real-world issues in regions like Govan, Scotland, or Pu Ngaol, Cambodia. Responsible for researching and designing software solutions to aid local communities, followed by presenting and explaining the concepts to a non-technical evaluation team at the university.
* Active member of the UEA Rowing Club, where I played a pivotal role as a coxswain, showing my adaptive and communication skills to foster teamwork. Contributed to a collaborative environment, leading our novice women’s 8+ boat to achieve a 4th place in the division this May, a first for UEA.

**Igor Sikorsky Kyiv Polytechnic Institute** **Kyiv, Ukraine**

*BSc in Applied Mathematics September 2021 - July 2022*

* Became a Vice President of the module group where my objectives were: to establish communication between students and lecturers, to organise online meetings due to quarantine and to manage and collect data from absence lists which resulted in study process continuing even during war.
* Elected to Delegate for USC (university student conference) where I represented my year course of 80 people at monthly meetings by speaking out on different matters of concern, one of them being helping to bring attention to one of the lecturers who was abusing his powers through corruption.
* Successfully finished my first year as I moved to UK and got my current student place at UEA resuming my studies in Computing Sciences.

**PROFESSIONAL CERTIFICATION**

**Machine Learning Specialization (Coursera)** *completed May 2024*

Worked through 9 weeks of lectures, practical AI exercises and quizzes to receive the necessary knowledge to deepen my understanding and apply machine learning techniques in my future projects.

**Skills:**

* Applied L1 and L2 regularization in labs to prevent overfitting, ensuring robust and generalizable models.
* Built models to predict categorical outcomes, like identifying the presence of a cat in images, demonstrating proficiency in generating insights from statistical analysis.
* Used linear regression for continuous value predictions, modeling relationships between variables to derive actionable insights..
* Developed and trained models using labelled data for tasks like classification and regression, honing my skills in creating and explaining predictive models.

**Certificate:**

* [**Machine Learning Specialization Certificate**](https://coursera.org/share/667bb7b0b07d6f095c82be1491181ce3)

**Deep Learning Specialization (Coursera)** *(currently enrolled) complete by – July 2024*

Studied the foundational concept of neural networks and deep learning.

* Built and trained vectorized image processing neural networks, aligning with job requirements for developing AI tools like image processing models.
* Have obtained 1 out of 5 certificates needed for the specialization and I am focused on further deepen my knowledge in supervised learning and contributing to ML projects in the future. **Certificate:**
* [**Neural Networks and Deep Learning**](https://coursera.org/share/a4d9e5e8029a761fabaa8efb5d032098)

**Python Developer career track (DataCamp)**  *(currently enrolled) complete by – July 2024*

Developing expertise in Python programming for data-driven solutions and efficient coding practices.

* Learned to handle diverse data, from numeric to mapping data types, and developed a prompt-based AI chatbot, showcasing my ability to apply my skills and solve complex problems.
* Gained skills in writing Python functions, conducting unit testing, by utilizing libraries like NumPy, pytest, and pycodestyle to perform statistical analysis.

**WORK EXPERIENCE**

**RINA Health (Psychosocial support volunteer org. for war survivors) Remote, UK**

*Manager - customer service February 2023 – September 2023*

* Facilitated communication for over 50 clients and therapists, ensuring transparent interactions and resolving 30+ cases, showcasing a methodical approach to problem-solving.
* Resolved a client-therapist mismatch by suggesting a solution and finding a better specialist, demonstrating strong communication and problem-solving skills.
* Enhanced client-therapist matching through a data-driven approach by analyzing personality traits, leading to better pairings and reflecting experience in generating insights from data.

**SKILLS**

* Data Structures and Algorithms: received a 1st on my final module exam this year.
* Python: over 30 hours and ongoing of writing exercises and building data science projects like manipulating Netflix data to recommend movies and AI chatbot with connected chat GPT.
* TensorFlow and Keras: used in course labs for creating and training neural network models, example of which could be a model that recognises a picture of a cat or predicts a house price based on the features given.
* Collaboration and teamwork: I have been a coxswain for rowing club for 8 month, training with a team of 4 and 8 people five times a week.