Ronald Piku – Curriculum Vitae

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GitHub: https://github.com/ronniepiku | ePortfolio: https://www.ronaldpiku.com

Education

University of Leeds   **Leeds, UK**

Bachelor of Mechanical Engineering (BEng)   *June 2021*

- Upper second-class honors. (3.7 GPA)

Key Employability Skills

- Highly proficient in Python and MATLAB with a focus on machine learning and deep learning.
- Strong analytical and data analysis skills.
- Extremely confident with both PyTorch and TensorFlow libraries.
- Extensive experience using Git and GitHub.
- Basic familiarity with Java, C++, HTML5 and CSS.
- Highly driven and goal orientated individual.
- A personable and enthusiastic demeanor that fosters positive working relationships.

Notable Projects

- *Course recommendation web app:*

  - I deployed a web app which allows users to input what courses they have completed and generate recommendations.
  - Users have the option to train their own model or use one that's already been trained. They can also adjust model hyper parameters to allow for greater customization.
  - Some of the models created: K-Nearest Neighbors, Non-Negative Matrix factorization and a Convolutional Neural Network amongst others.

- *Sentiment analysis trading bot:*

  - Constructed a convolution neural network using PyTorch library.
  - Bot provides trading signals for traders to help them make more informed decisions.
  - 98% accuracy on unseen data whilst using less than 500 news articles for training.

- *Stock selector:*

  - Developed, using Python, a web scraping tool that collects accounting data and ranks stocks.
  - 25% p/a returns over three years. This is more than triple most major indices returns.
  - Programmed data collection using Java, HTML5 and CSS.

Work History

Summer Boarding Courses   **Cambridge, UK**

Engineering Tutor   *July 2023 – August 2023*

- Teaching international students ages 14-17 about engineering, with a focus on software engineering.
- Prepared and delivered an engaging series of lectures, practical's, and seminars.
- Created syllabus for the engineering course which is now being used across the school.

UpLearn   **London, UK**

A-Level Tutor   *February 2023 – August 2023*

- Tutoring mathematics, physics, and economics to A-Level students.
- 97.3% 5-Star rating from students, with over 100 reviews.
- Give empathetic mentoring to students who need support during high pressure exams season.
- Help with enrolling scholarship students, system maintenance and overall customer satisfaction.

Veblen Collectables   **City of London, UK**

Commodities Broker   *August 2021 – November 2022*

- Awarded most valuable employee every month.
- Highest total settlement value in the company of over £800,000.
- Promoted from junior broker to broker within 3 months. Quickest promotion in the company's history.
- Closed the largest deal in the company's history worth £250,000. This was 50x higher than the average deal size of £5,000. A record yet to be broken.

Interests

- Regularly attend machine learning meetups and contribute to open-source projects.
- I hold machine learning certificates from IBM and FreeCodeCamp.com.
- Trading a variety of traditional and alternate financial instruments, averaging 18.6% returns p/a.
- Fluent in English and Albanian. I also hold a Japanese N5 level certificate.
- Keen rugby player. Captain for school, County, and local team. Also trained mixed martial arts since the age of 15.