

Naoki Ohno

ohnonaoki95@gmail.com ❖ +36 30 154 6185 ❖ Budakalász, Hungary ❖ [Website](#)

WORK EXPERIENCE

Royal Ballet and Opera

August 2018 – October 2024

Data Scientist | January 2020 – October 2024

London, UK, Hybrid

- I built an AI model to identify new donor leads based on past customer behaviour. Customers with the highest propensity scores were solicited for significant donation amounts. This automated a previously manual process.
- I built a model to forecast box office ticket sales based on past sales patterns. I displayed the deployed model as a dashboard that signaled the need for discounting, which became a key part of marketing decision making.
- I built an ML model to forecast cinema sales based on past screening data. The production model automated and improved upon previous manual processes. I performed regular model monitoring and maintenance.
- I'm experienced using state-of-the-art ML models, notably XGBoost and Random Forest for tabular data, deep learning models for perception tasks, and linear/logistic regression with significance testing for statistical inference. I trialled NLP tasks such as RAG and fine-tuning using OpenAI and Huggingface pretrained models.
- Stack: Python - Scikit-Learn, FLAML, pandas; R - tidymodels, keras/tensorflow, tidyverse; Linux command line; SQL; Git; Tableau; Power BI; Azure AI services; OpenAI via Azure AI Foundry; Huggingface transformers.

Interim Data Scientist | March 2019 – January 2020

- I underwent extensive training in machine learning, mathematics, statistics, and programming. In the meantime, I worked as a data analyst, using SQL, R, and visualisation tools to present insights to stakeholders.

Junior Digital Analyst | August 2018 – March 2019

- I analysed the web traffic of the main website using Google Analytics and R. I achieved a high level of automation and customisation of my reporting using scheduled scripts via the Google Analytics API.

Tavistock Tutors

February 2019 – February 2023

R and Statistics Tutor

London, UK/Remote

- I tutored clients ranging from undergraduate students to PhD students and postdoctoral researchers. The most notable project was helping a medical researcher in their dementia research at a top London university.
- I worked with clients from a variety of academic backgrounds at differing levels of statistical expertise. I adapted my approach to client needs, built a foundation in statistical theory, and helped them implement code.

The Francis Crick Institute

June 2017 – August 2017

Intern Research Scientist

London, UK

- I researched the DNA replication cycle of yeast cells at one of the UK's top research institutes. I presented my findings to experts in the field.

EDUCATION

University College London (UCL)

May 2018

BSc Biochemistry - First Class Honours

London, UK

- Final year project: Computational Microbiome Analysis (R, Bash scripting on cloud computing cluster).

Óbudai Árpád Gimnázium

2014

Érettségi (equivalent to UK A-levels): Advanced Level Biology and Chemistry.

Budapest, Hungary

SKILLS

- **Servers:** I maintain a Linux web server that functions as my personal website, email server, and RStudio server for data science applications. Skills developed: Linux command line, HTML, CSS, task automation with crontab.
- **Languages:** Hungarian - Native; English - Full proficiency with over 6 years of professional experience.