

FREDERICO WIESER

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MISSION STATEMENT

Graduate from a top ranked university, seeking a data and analytics heavy role. Experience includes: developing software at university and work for 5+ years, making data visualisations, creating Machine Learning models, and working back end.

WORK EXPERIENCE & PROJECTS

Software Developer (*Python, SQL, MongoDB, Apache Kafka, JavaScript, CI/CD*) London, UK
Playtech Jan 2023 - Present

- Developing microservices and applications used to serve data to millions of global users.
- Part of improving and maintaining a five million line code base, working with 100+ developers.
- Code testing automation, analysing failures and suggesting fixes.
- Monitoring infrastructure with Prometheus and trouble shooting problems.

Systems Engineer (*Google Cloud Platform, SQL, Python, Linux, C/C++*) London, UK
NAAMA (Laser Tattoo Removal Startup) Jun 2021 - April 2022

- Programmed an automated report generating application for tracked KPIs, sending weekly reports to management, using Python to compile LaTeX documents and Matplotlib graphs.
- Created a Slack chatbot, on a GCP Linux server, for updating key team members on daily KPIs, using Python and the Slack API.
- Performed optomechanical engineering duties, laser installations, system upgrades and research, working within a Linux system and embedded C.

Imperial College AI Hack (*Azure, Keras, Python, Flask*) London, UK
Imperial College London Feb 2021 - Mar 2021

- Created a map visualisation web app of predicted prices for housing in Boston using 2 different deep learning models.

Cellular Automata, Simulation Research (*Python, NumPy, SciPy, Matplotlib*) London, UK
UCL Jan 2020 - April 2020

- Created forest fire simulations inspired by Conway's Game of Life.
- Analysed and created visualisations for a final report.

UCL API Hackathon (*Python, Beautiful Soup, Flask*) London, UK
UCL March 2020

- Led a team of 5 using webscraping tools to curate a database of events happening around London relevant to students.

Tutor London, UK
Freelance, UCL, Taunton School Sep 2016 - Feb 2021

- Taught Mathematics, Science, English, and Portuguese. Ages ranging from 7 to 20 years.

EDUCATION

University College London London, UK
BSc Theoretical Physics (2:1) Sep 2018 - Aug 2022
Subjects Studied: High Performance Computing, Machine Learning, Quantum Mechanics, Relativity, Analysis, Nonlinear Dynamics, Thermodynamics

Taunton School (Academic Scholar) Somerset, UK
A-Levels : Maths (A*), Further Maths (A), Physics (A), Economics (B) Sep 2011 - Jun 2018
Prefect, President of Maths Society, Academic Scholars Journal Writer/Editor

SKILLS

Programming Languages :	Python, C, C++, LaTeX, SQL, JavaScript
Tools & Software :	Microsoft Office, Linux, Jupyter, HTML/CSS
Interests :	Formula 1, Surfing, Chess
Teamwork & Leadership Skills :	Communication, Reliability, Attention to Detail
Languages :	English (Fluent), Portuguese (Fluent)