

CHRISTOPHE FOYER

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French and US citizenships | Eligible to work without restriction in the UK (settled status), USA and EEA

EXPERIENCE

Oishii – Remote | 2025 – Present

Machine Learning Consultant

- Ensured the transition with the ML team at Oishii on ML intellectual property acquired from Tortuga Agtech
- Advised the Oishii team on ML and Computer Vision projects relating to robotic crop harvesting
- Overhauled MLOps pipelines for automated model training and evaluation across ML projects

Tortuga Agtech – Remote, UK-USA | 2021 – 2025

Machine Learning & Computer Vision Engineer (2023 – 2025)

- Led infrastructure design for ML systems from model training to deployment
- Mentored junior engineers and managed labeling team priorities
- Optimized training pipeline (HPO + distributed training) maintaining backward compatibility
- Migrated labeling workflows to new providers and CVAT reducing cost by over 50%

MLOps Engineer (2022 – 2023)

- Redesigned on-robot ML interfaces using Python & ROS
- Unified ML model interfaces from training to inference
- Brought up new pipelines end-to-end for new ML projects

Robotics Engineer (2021 – 2022)

- Sole UK-based robotics engineer; provided field support and GMT-coverage
- Contributed to data visualization and ML infrastructure (Docker, Plotly, AWS)

Maui63 – Remote, NZ | 2021 – Present

Software & ML Volunteer

- Developed OpenCV and YOLOv4-based data post-processing and labeling tools

TWD – London, UK | 2018 – 2019

Mechanical Engineer

- Designed bespoke maritime equipment and internal Python tools for structural calculation workflows

Tata Steel Europe – IJmuiden, Netherlands | Spring 2018

Software Engineering Intern

- Architected large-scale thermal simulation in python with a 4-person student team
 - Released a real-time proof-of-concept reducing estimation error by 82%, later deployed in production
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EDUCATION

University College London – London, UK | 2019 – 2020

MSc Scientific Computing – Distinction

Washington University in St. Louis – St. Louis, USA | 2014 – 2017

BSc Mechanical Engineering

ACADEMIC PROJECTS & INVOLVEMENTS

MSc Dissertation – B-Spline Active Contours for the 3D Segmentation of Vascular Structures

University College London – 2019 – 2020

BSc Final Project – Custom FEA and ray-tracing software for water-based lenses in photovoltaic arrays

Washington University in St. Louis – 2017

Design/Build/Fly Team – Founder – 12th place (out of 139) at AIAA DBF 2017

Washington University in St. Louis – 2016 – 2017

SKILLS

Programming: Python, SQL, Bash, HTML, CSS | working knowledge of JavaScript, C++, Rust

Tools & Libraries: PyTorch, Docker, Git, PostgreSQL, ROS, AWS, Airflow, OpenCV, Ray, PyTorch Lightning