

Crispian Morris

☎ (+44) 7553 865136 | ✉ crispian.morris@gmail.com | 📷 [crispianm](#) | 📺 [crispian-morris](#) | 🎓 [Crispian Morris](#)

Education

PhD - University of Bristol

Bristol, UK

DEPT. OF COMPUTER SCIENCE: LOW-LIGHT FUSION AND AUTOFOCUS FOR ADVANCED WILDLIFE COVERAGE

Expected July 2026

- BBC/iCASE funded PhD looking at learning-based computer vision approaches for autofocus in low-light videography. Selected publications:
 - ICIP 2023: ST-MFNet Mini: Knowledge distillation-driven frame interpolation
 - WACV 2025: DaBiT: Depth and blur informed transformer for video deblurring
 - ACMMM 2025: Towards a General-Purpose Zero-Shot Synthetic Low-Light Image and Video Pipeline

BEng - University of Bristol

Bristol, UK

ENGINEERING MATHEMATICS WITH 1ST CLASS HONOURS

July 2022

- Final Year Projects: Agent based modelling of COVID-19 spread in Bristol, Novel machine learning approaches for vehicle detection based on Clifton Suspension Bridge accelerometer data, and Bivouac, a wild campsite locator using novel 'preferability surfaces.'

Work Experience

University of Bristol IT Services

Bristol, UK

LAPTOP AND MOBILE CLINIC MANAGER

August 2020 – August 2025

- Sole student lead for a group of 18 students employed by Bristol University IT Services for troubleshooting technical issues on other students' personal devices.
- Created senior management position and held it until the end of the clinic in 2025.

Bristol Vision Institute

Bristol, UK

DEEP LEARNING RESEARCH INTERNSHIP

June 2022 - August 2022

- Engineering faculty research internship. Resulted in IEEE published work creating a smaller and faster version of a video frame interpolation model using various model compression techniques, including knowledge distillation.

National Composites Centre

Bristol, UK

DATA SCIENCE RESEARCH INTERNSHIP

July 2021 – August 2021

- Supported researchers by using machine learning to predict the relationships between the 12 lamination parameters of a given composite stacking sequence. Researched multiple approaches, tested potential implementations, and reported back on my findings.

KVAL, Inc.

Petaluma, CA

MECHATRONIC ENGINEERING ASSISTANT

July 2017 - September 2019

- Assisted engineers with server maintenance and Git repository management, designed production components, and completed multiple re-search projects on applications for developing technologies in the CNC machinery industry.

Skills

Machine Learning Python, PyTorch, Tensorboard, Weights & Biases, OpenCV, Model Compression

DevOps & Tools Git, Arch Linux, Remote Computing

Honors & Awards

2022 **Outstanding PLUS Award**, One of only **eight awards** issued by the University of Bristol Careers Service.

Bristol, UK

2021 **Bristol PLUS Award**, Issued by the University of Bristol Careers Service.

Bristol, UK

2017 **Eagle Scout**, Boy Scouts of America

Petaluma, CA

Volunteer Experience

University of Bristol Student's Union

Bristol, UK

ENGINEERING MATHEMATICS COURSE REPRESENTATIVE

2019 - 2022

- Main liaison between students and staff at both department and faculty level.

University of Bristol Expeditions Society

Bristol, UK

EXPEDITIONS OFFICER

2019 - 2024

- Lead and organised challenging hiking trips to the UK's National Parks for the society's 300+ members.
- In charge of planning and executing a 10-day backpacking expedition abroad for over 20 people.