

Oliver Day

Email: ollie@odd.ooo
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Portfolio: <https://ollie.odd.ooo/>

Education

University of Edinburgh September 2017 - June 2021

Computer Science and Artificial Intelligence BSc

1st class (A) grade average.

Courses include: case studies for design informatics, human computer interaction and the human factor

Arts University Bournemouth September 2016 - June 2017

Foundation Diploma in Art and Design

Graphic Design Pathway. Final project a virtual assistant app.

Work

University of Edinburgh / Tutor September 2019 - January 2021

Demonstrates my communication and ability to discuss technical concepts at different levels of abstraction.

Courses taught: machine learning, logic, functional programming and discrete mathematics

Ascent Robotics, Tokyo, Japan / Planning and Control Research Intern June - August 2019

Research project involving complex systems across multiple teams.

Diverse and global exposure to technological challenges, ways of working and solutions.

Experienced industry research in a leading AI field, solving real-world problems.

Defence Science and Technology Laboratory / Platform Systems Intern June - August 2018

Associate at the AI laboratory.

Research project applying deep learning and computer vision techniques.

Experienced research objectives, technologies and strategies at the forefront of the global technology sector.

Ratio Network / Software Development Intern November - December 2016

Social media text recommendation and filtering project.

Experience with industry workflows and team project management.

Projects & Research

Undergraduate (Dissertation) Project: Offline reinforcement learning for autonomous robotic grasping September 2020 - April 2021

Applying state of the art AI research to complex robotics problems

Edinburgh University Formula Student Autonomous (Software Team Manager) October 2017 - September 2019

One of four SW team founding members in 2017/8, Software team manager in 2018/9.

Leading a large team developing software for an autonomous F1-style car.

Developed key skills of team-work and communication, time and task management. June - October 2019

Case Studies in Design Informatics (University of Edinburgh)

Master's level course (taken during my BSc) critically reviewing design theory, process and outcomes

Group project designing a stress and study companion app for students

Awards

DSTL Student Talent Scheme
DHL UK Foundation Scholarship
Google Developer Scholarship:
Android Developer
Top 4% of Kaggle users

Programming

Over 4 years of experience

C, C++, MATLAB, Haskell, Java
(including Android app development)

Python (including Numpy, Matplotlib, Pandas, Keras and Tensorflow), ROS
HTML/CSS/JS

Also

MIPS assembly language, R,
Flutter, React Native, React,
Gatsby

Interests

Bronze Duke of Edinburgh Award

Triathlon, Hiking

Art and Art history

Cooking

Reading