

# Oliver Day

Email: [olliejday@gmail.com](mailto:olliejday@gmail.com)  
GitHub: <https://github.com/olliejday>  
Portfolio: <http://www.oliverday.ml/>

## 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