Oliver Day

Email: ollie@odd.ooo
GitHub: https://github.com/olliejday
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.

Awards

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

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.

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

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.

Case Studies in Design Informatics (University of Edinburgh) June - October 2019
  Master's level course (taken during my BSc) critcally reviewing design theory, process and outcomes
  Group project designing a stress and study companion app for students