

Thomas Hayden

2 Ravenswood Rd, Bristol, BS6 6BN

Mobile: (+44) 780 672 1845

email: tom.hayden0@gmail.com

Education:

- 2017 - 2018 **National University of Singapore, Oxford - NUS Exchange Program**
- Spent final year of study abroad at NUS under the electrical engineering department. Studied machine learning, computer vision and networking topics. Final year project investigated determining Structure from Motion with a multiple camera system using a factorisation approach.
- 2013 - 2017 **Keble College, University of Oxford, BA Engineering Science**
- Graduated with 2:1 BA in Engineering Science. Studies focused on electrical and information engineering. Major projects undertaken include assessing the feasibility of a complete end-to-end brain to connectome protocol using machine learning and novel brain sectioning techniques.
- 2009 - 2013 **Bristol Grammar School**
- A levels: Maths A*, Further Maths A, Chemistry A, Physics A, Biology (As level) A
 - GCSEs: 6 A*, 2 A, 3 B

Experience:

- 2015 **BOLA Ball throwing Machines, Internship (12 weeks)**
- Worked on the product launch of the new Truman BOLA cricket machine.
 - Developed and implemented new build procedures that improved manufacturing throughput and decreased defect rates.
- 2015 **Young Bristol, Assistant Coach, (weekend and evening summer work)**
- Worked as an assistant coach to teach teambuilding and leadership skills to young people.
- 2014 **Specsavers, Leafleter, (part-time summer work)**
- Provided specific information and advice on products to the public.

Skills and interests:

- Programming
- Have experience using C++, Python, JavaScript and Matlab.
 - Outside of university courses, I have developed my skills using websites such as CodeWars (<https://www.codewars.com/users/THayden>) and HackerRank (https://www.hackerrank.com/tom_hayden0).
 - View my website at <https://tom-hayden.github.io/> for more info on some of my projects.

Referees:

- | | |
|---------------------------------------|--|
| Dr.Felix Leach, Oxford Tutor | felix.leach@keble.ox.ac.uk |
| Prof Stephen Payne, Oxford Tutor | stephen.payne@keble.ox.ac.uk |
| Nye Williams, BOLA Manufacturing Ltd. | Nye.Williams@bola.co.uk |