


# Henry Pulver

✉ [henrypulver@hotmail.co.uk](mailto:henrypulver@hotmail.co.uk)

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## EDUCATION

2016–2020 **MEng: Information & Computer Engineering, Emmanuel College, Cambridge University**

**Master's Thesis: 'Reinforcement Learning for Automation' - Class 1**

**4<sup>th</sup> Year result:** Pass (Due to COVID, this was Pass/Fail)

**3<sup>rd</sup> Year result:** Class 2.i (32<sup>nd</sup> percentile)

**2<sup>nd</sup> Year result:** Class 1 (18<sup>th</sup> percentile)

**1<sup>st</sup> Year result:** Class 1 (28<sup>th</sup> percentile)

Received Rowley Mainhood Prize and Frank Marriott Scholarship for academic achievement.

### Courses studied

- Deep Learning and Structured Data
- Advanced Information Theory and Coding
- Computational Neuroscience
- Robotics
- Probabilistic Machine Learning
- Computer Architecture and Parallelism
- Computer Vision
- Inference

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## EXPERIENCE

2020 **FiveAI Internship: ML Research Engineer**

- Research project applying Imitation Learning to motion planning for autonomous driving
- Project aim is to determine the effectiveness of this approach and publish the results to ICRA 2021

2019 **FiveAI Internship: Software Engineering**

- 13-week internship working on two teams: Data team and Perception team

2018–2020 **Cambridge University Machine Intelligence Network (CUMIN)**

- Co-founded society, voted in as President for 2019/20
- Organised, publicised and ran talks from DeepMind, Google AI, Apple, Samsung AI and PROWLER

2019 **CUMIN 'Animal AI Olympics' Team**

- Set up and led team competing in NeurIPS Reinforcement Learning competition
- Main contributor to codebase as team won \$500 AWS credit prize

2018 **Metaswitch Internship: Software Engineering**

- 11-week internship on a scrum team developing a new product for telecoms industry