

Yuge Shi

Machine Learning PhD Student,
University of Oxford

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Enthusiastic about
machine learning, AI, robotics
and so much more.

Achievements

*Action Anticipation with RBF
Kernelized Feature Mapping RNN*,
published in 15th European Conference
on Computer Vision (ECCV);

Won 4th place in 2018 Data61 summer
scholar showcase in CSIRO, Australia;

Skills

Applications and Tools	Adobe Illustrator & Photoshop, LaTeX
Programming Languages	Python, R, MATLAB, Verilog
Environments & Libraries	PyTorch, TensorFlow, MatConvNet, Keras, ROS, git
Personal	Multilingual (Man- darin, Cantonese), teamwork, leadership

Pursuits

Music	Uyghurs & jazz danc- ing, singing
Sports	Muay Thai, rowing
Media	Film directing, stand- up comedy, talk show hosting

References

References can be provided upon
request.

Education

since 2018 **DPhil in Engineering Science**

University of Oxford

- Research area: computer vision, machine learning.
- Supervised by Professor Philip Torr, member of Torr Vision Group.
- I am enthusiastic about this degree because I thoroughly enjoyed developing my Honours thesis on machine learning.

2011 – 14 **Bachelor of Engineering (Honours)**

Australian National University (ANU)

- Major: Mechatronics Engineering, Electrical Engineering.
- Grade Point Average: 6.5/7
- I chose this degree because of the childhood influence by my mother as an engineer herself. I was encouraged to pursue my interests regardless of the stigma surrounding women and tech-related industry.

Employment History

2017 – 18 **Vacational Student Scholar**

Data61, Australia

- I was tasked to address the credibility issues of a machine learning based model designed in Data61 to assess the condition of waterpipes in Sydney, Australia;
- I analysed the suitability of different methodologies and successfully implemented the chosen model;
- During the process, I formed strong relationships with the marketing and system engineering team to improve my holistic understanding of the project.

2018 **Project Manager**

Questacon-ANU, Australia

- I was part of a team in ANU start-up program TechLauncher. We were tasked to design a robotics exhibit for the National Science and Technology Center Questacon;
- As the project manager, I was able to establish mutual agenda among team members, navigate productive group conversations while maintaining good relationship with our client;
- My strong leadership and interpersonal skills were largely recognised by shareholders and team members of this project.

2015 **Project Organiser**

AIESEC, Brazil

- I launched and managed a fundraising project for Silva's Elderly Home while volunteering in Salvador, Brazil;
- With the help of local student volunteers, I wrote, directed, narrated and edited a campaign ad and launched the fundraiser on crowdfunding website Indiegogo.
- 1500 Reals (500 USD) was raised and the fund was used to replace the worn-out home appliances in the elderly home.