



## Hiring Manager

September 13, 2021

SEEING MACHINES GROUP  
80 MILDURA ST  
FYSHWICK ACT 2609

## Application for Algorithm Performance Engineer

Dear Hiring Manager,

I really appreciate the valuable opportunity of applying for the Algorithm Performance Engineer, which I came across on the Seek website. After reading the job description, I considered myself highly suitable for the program, with the desirable skill set to meet performance expectations.

## About Me

I believe very strongly in what I can deliver. I have just graduated with Honours in March from the Australian National University, with a double degree in Advanced Computing (Honours) and Science. In it, I specialised in Intelligent Systems and Advanced Mathematics. I would confidently say that I am a competent and quality-orientated person and a great problem solver from my studies. In addition, I have developed an excellent understanding of a wide range of programming languages and tools among my skills. My Honours project is about Heuristics for Probabilistic Planning. I have solid knowledge about developing some new algorithms and also testing them. I received a High Distinction for my honours project.

I was an Academic Tutor at the Australian National University tutoring Advanced Computing R&D Method. Among my tutoring experiences, I am consistently recognised as a supportive person. I have always listened to my students' needs and guided them to fulfil learning outcomes. More importantly, I learned to tailor answers for people from different cultural and knowledge backgrounds. I have good demonstration skills. My reviewers see me as a good presenter. They think my presentations are concise and easy to understand. I love to share my findings and knowledge with other tutors while learning from them. I maintained good communication and cooperation with the course convenor and other tutors. I have been a teaching assistant in scuba diving, which my students always enjoy my humour and reliability.

I have solid data analysis skills. I developed the data analysis software to analyse and create standard graphics for paleoecology research with Dr Rebecca from the College of Asia and the Pacific. My software helped boost research efficiency significantly. Also, I am the tech lead of the group. So I am not just doing a data analysis job but also developed decent leadership skills.

I have competent research skills. Among my study experiences and especially my Honours year, I have developed excellent research skills. I read and learn from significant amount papers individually so that I can complete the tasks. This can be beneficial to my works since we need to work in a team, but we also need to research and solve the allocated tasks along.

I love to learn new skills. I am currently learning Microsoft AI Engineer Certificate simultaneously, and I will take the exam in November. So I have a high possibility of being qualified before the program starts. I am also currently in the Professional Year program, which allows me to learn decent working skills and fit into Australian working culture.

I am applying not only because I am capable of the job but also because I appreciate the learning opportunities Seeing Machines offers. The most fascinating work from Seeing Machines is to utilise computer vision methods. I have been studying CV, along with many other machine learning methods, but they are not really applied in our lives. I always believe the best technology should not just live in research papers, but to use them. I believe, if I can join Seeing Machines team, I will use my solid knowledge background,

together with other talented engineers, we can create the best applications of current technologies. It is like how Seeing Machines saves truck drivers now.

I am passionate about life. You can find me completed barista courses, scuba courses, boat driving courses. I have a photography studio, which I take photos for real estate. I take my Sundays to help services at Life Unlimited Church. I always believe that only if I am passionate about life, then I can bring others happiness.

Upon appraising my resume, I hope you find me a competent candidate with the right personality for the job. I believe myself to be conscientious, tenacious and passionate, and I create high value for your group.

Thank you for taking the time to review my materials. Please do not hesitate to contact me if there is anything else you might need. I look forward to hearing from you soon.

## Referees

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### Prof. Jochen Renz

- Current employer - Supervisor
- The Australian National University
- Hanna Neumann Bldg 145, 3.35, ACTON, ACT, 2601
- jochen.renz@anu.edu.au

### Prof. Patrik Haslum

- Honours Year - Supervisor
- The Australian National University
- Hanna Neumann Bldg 145, ACTON, ACT, 2601
- patrik.haslum@anu.edu.au
- (02) 61251812

### Ricky & Katie Diou

- Pastor
- Life Unlimited Church
- 46 Lhotsky Street Charnwood, ACT 2615
- 0435113433

**I am currently holding a bridging visa, however, I am expected to receive 485 visa soon. Right now, I have full-time full working rights as well.**

Sincerely,

**Zibo Wang**

*Attached: Curriculum Vitae*