JIYANG ZHENG (ROGER)

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EDUCATION

The Australian National University	February 2019 - December 2022

Bachelor of Advanced Computing (Honours) · Artificial Intelligence

Turramurra High School	July 2015 - November 2018

High School Diploma

WORK EXPERIENCE

Casual Sessional Academic (Academic Tutor)	July 2020 - Present
The Australian National University	*Contract*

List of tutored courses:

- COMP2100/6442 Software Design Methodologies (2021)
- COMP2400/6240 Relational Database (2020,2021)
- COMP2420/6420 Introduction to Data Management, Analysis and Security (2021,2022)
- COMP3670/6670 Introduction to Machine Learning (2021)
- ENGN4528 Computer Vision (2022)

Research Trainee	August 2021 - Present
Imaging and Computer Vision Group, Data61, CSIRO	*Internship*
Summer Research Scholar	Nov 2021 - Feb 2022
Imaging and Computer Vision Group, Data61, CSIRO	*Full-Time*

RESEARCH PUBLICATION

1. Towards Open-Set Object Detection and Discovery	CVPRW, 2022

Jiyang Zheng, Weihao Li, Jie Hong, Lars Petersson, Nick Barnes

2. GOSS: Towards Generalized Open-set Semantic Segmentation	Preprint

*Jie Hong, Weihao Li, Junlin Han, **Jiyang Zheng**, Mehrtash Harandi, Lars Petersson*

AWARDS

• HSC Distinguished Achievers (2018)	*NSW Education Standards Authority*
• Chancellor Outstanding Academic Achievement Award (2020)	*The Australian National University*
• CSIRO Undergraduate Vacation Scholarship (2021)	*CSIRO, DATA61*

TECHNICAL SKILLS

Programming

- Proficient in Python programming; Familiar with Java, SQL, C++, R, Haskell and Matlab. Profound experience in software development and data analysis. The top-1 achiever in senior year algorithm course at ANU.

Machine Learning/ Deep Learning

- Familiarize with many machine learning and deep learning algorithms with the ability to implement them in programming. High-level understanding of how these techniques work and what's the logic behind.