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Oliver C. Lack

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Education

2024-present   **Higher Degree by Research (Cognitive Science)**
University of Adelaide Research Scholarship (UARS)
Australian Institute for Machine Learning (AIML) Industrial AI Scholarship
- Investigating Human-AI interactions: Understanding and Measuring Human Perceptions of Machine Consciousness My research examines perceptions of artificial intelligence in relation to trust, usage, and development of AI systems.
- Supervision: Professor Carolyn Semmler, Professor Anton Van Den Hengel, Dr William Ngiam, and Dr Jonathan Opie.

2020-2023   **Bachelor of Psychological Science (Second Major in Philosophy)**
University of Adelaide
- Conferred in 2023. Specialisation in cognitive science, decision making, human behaviour/learning, intelligence, mental representation, consciousness, and human-AI interaction/reasoning.
- GPA: 7 out of 7

Experience and Employment

2024-present   **Academic Writing Learning Advisor**
University of Adelaide, Writing Centre

2023-2024   **Research Assistant**
CSIRO, Data61, Collaborative Intelligence Future Science Platform (CINTEL)
- Experimental design and data analysis investigating perceptions of Artificial Intelligence systems.

2023   **Research Internship**
Australian Institute for Machine Learning (AIML)
University of Adelaide Summer Research Scholarship
- Investigation and development of AI-user interfaces that leverage advanced large language models. Further exploration of how novel retrieval mechanisms and private vector databases can enhance these systems.

2022-2023   **Research Position**
CSIRO Data61, Sandy Bay, Hobart
National Research Scholarship
- Human trust in artificial intelligence systems
- Responsible for experimental development, team workshops and meetings, literature review, data analysis, and authorship of findings.

2021-2022   **Student Staff Consultative Committee** (SSCC)
University of Adelaide, School of Psychology
- Elected Student Representative. Responsible for communication between staff school meetings and student committee meetings

2021-2022   **Peer Assisted Study Sessions** (PASS)
University of Adelaide
- Appointed to run extra classes for 1st year Psychology core courses 1A and 1B for struggling and high achieving students.

2021-2022   **Research Assistant**
University of Adelaide/Melbourne, AI industry partner
- Exploring the effects of consensus on human decision making with multiple Artificial Intelligence systems.

Research Works

McGrath, M., Lack, O., Tisch, J., Duenser, A. (2023, June 26-30). Validation of a Measure of Trust in Artificial Intelligence [conference paper]. The second International Conference on Hybrid Human-Artificial Intelligence, Munich, Germany.

Contribution: Data curation, formal analyses, investigation, literature review, experimental methodology, writing – original draft; writing – review and editing.

For prospective submissions and current research works see oliverlack.com.

Software and Programming

THE UNIVERSITY of ADELAIDE
SUB CRUCE LUMEN

OFFICIAL ACADEMIC TRANSCRIPT

Name: Oliver Craig Lack
Student ID: 1809024
Issue Date: 21 December 2023

Program Summary			Code	Status		GPA
Bachelor of Psychological Science			BPSYC	Conferred on 31 December 2023		7.000
Major: Philosophy						

Enrolment Summary					Units	Mark	Grade
2023	BPSYC	PHIL	3033	Key Texts in Philosophy	6.00	94	High Distinction
	BPSYC	PHIL	2040	Metaphysics: Identity, Time and Freedom	3.00	89	High Distinction
2022	BPSYC	PSYCHOL	2006	Foundations of Perception & Cognition	3.00	91	High Distinction
	BPSYC	PHIL	3032	God, Faith and Infinity: Philosophy of Religion	3.00	89	High Distinction
	BPSYC	PSYCHOL	3022	Individual Differences, Personality & Assessment	3.00	92	High Distinction
	BPSYC	PSYCHOL	3026	Learning and Behaviour	3.00	92	High Distinction
	BPSYC	PSYCHOL	3020	Doing Research in Psychology: Advanced	3.00	96	High Distinction
	BPSYC	PHIL	3018	Existentialism	3.00	86	High Distinction
	BPSYC	PSYCHOL	3023	Perception & Cognition	3.00	93	High Distinction
2021	BPSYC	PSYCHOL	2004	Doing Research in Psychology	3.00	98	High Distinction
	BPSYC	PHIL	2039	Philosophy of Mind	3.00	89	High Distinction
	BPSYC	PSYCHOL	2008	Big Picture Psychology: Global Challenges, Psychological Perspectives	3.00	93	High Distinction
	BPSYC	PSYCHOL	2005	Foundations Health & Lifespan Development	3.00	93	High Distinction
	BPSYC	PSYCHOL	2007	Psychology in Society	3.00	89	High Distinction
2020	BPSYC	PHIL	1102	Mind and World	3.00	88	High Distinction
	BPSYC	PSYCHOL	1000	Psychology IA	3.00	90	High Distinction
	BPSYC	PSYCHOL	1005	Research Methods in Psychology (BPsycSc)	3.00	94	High Distinction
	BPSYC	PHIL	2030	Cognitive Science: Minds, Brains & Computers	3.00	90	High Distinction
	BPSYC	PSYCHOL	1001	Psychology IB	3.00	97	High Distinction
	BPSYC	PSYCHOL	1006	Psychology Skills and Applications	3.00	86	High Distinction

Credit Granted

From University of South Australia toward

					Units	Mark	Grade
2020	BPSYC	GENERAL	1000TRCR	Level I Unspecified Credit	9.00		Transfer Credit

---END OF TRANSCRIPT---

Professor Peter Høj AC
Vice-Chancellor and President

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Established in 1874

GRADES AND CORRESPONDING MARKS

Grade	Description
High Distinction	A mark between 85-100
Distinction	A mark between 75-84
Credit	A mark between 65-74
Pass	A mark between 50-64
Non-Graded Pass	Satisfactory performance
Fail	A mark between 1-49
Fail No Submission	No work submitted for assessment. This is counted as a fail
No Formal Examination	No Formal Examination
Continuing	Course taught over two or more semesters
Result Pending	An interim result
1	First Class Honours
2A	Second Class Div. A Honours
2B	Second Class Div. B Honours
3	Third Class Honours
Not Awarded	Not awarded Honours
Withheld	An interim result
Withdraw No Fail	Student withdrew before the designated deadline. This is not counted as a fail
Withdraw Fail	Student withdrew after the designated deadline. This is counted as a fail

This explanation of grades is effective from January 2011. For details of grades and notations in use prior to 2011 refer to **http://www.adelaide.edu.au** This website also contains information regarding grading systems used for the former Roseworthy Agricultural College and for the South Australian College of Advanced Education which amalgamated with the University in 1991.

Grade Point Average (GPA)
A GPA is calculated for each coursework program in which a student is enrolled (with some exceptions). The GPA is displayed as a value between 0 and 7, based on the weighting of each course and the final grade achieved. The formula for determining a GPA is available at **http://www.adelaide.edu.au**