

WILLIAM P. MCCARTHY

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EDUCATION

UC San Diego

PhD, Cognitive Science

Advisors: David Kirsh, Judith Fan

August 2018 - Present

University of Oxford

Master of Computer Science and Philosophy

2013 - 2017

RESEARCH EXPERIENCE

Graduate Researcher, Cognitive Tools Lab

UC San Diego, Dept. of Experimental Psychology

PI: Judith Fan

Development and analysis of web-based experiments exploring goal-driven construction behaviours.

July 2019 - Present

Research Assistant, Human Information Processing Lab

University of Oxford, Dept. of Experimental Psychology

PI: Christopher Summerfield

Collection of human behavioural and EEG data. Analysis and modelling of performance in sequential decision-making paradigm.

July 2017 - Nov 2017

TEACHING EXPERIENCE

TA Minds and Brains	Boroditsky, L.
TA Data Science in Practice	Ellis, S.
TA Cyborgs Now and in the Future	Kirsh, D.
TA Cyborgs Now and in the Future	Scott, T.
TA Cyborgs Now and in the Future	Allen, M.
TA Intro to Python	Gupta, A.
TA Intro to Computation	Miller Rigoli, C.

TECHNICAL SKILLS

Analysis and Modelling	Python, R, MATLAB
Experimental Design	JavaScript, HTML, CSS, MATLAB
Other Programming	Scala, Java, Haskell
Software & Tools	git, Adobe CC, L ^A T _E X

AWARDS

Andrew Mason Memorial Scholarship

Balliol College

2017

£2000

PUBLICATIONS AND CONFERENCES

Rapid policy updating in human physical construction *2020*
ICML Object Oriented Learning Workshop Spotlight

Learning to build physical structures over time *2020*
CogSci (22% accepted) Talk

Exploring the role of prototyping in physical construction *2020*
Society for Psychology and Philosophy [cancelled] Poster