

## JULIEN DIRANI

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+1(347) 251-6442

### EDUCATION

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#### University College London (UCL)

Sept 2014-Sept 2015

MSc in Cognitive Neuroscience (Distinction)

Dissertation on the functional contribution and timing of the angular gyrus in reading using Transcranial Magnetic Stimulation

Overall grade: 70

#### American University of Beirut (AUB)

Sept 2011-Jun 2014

Bachelor of Arts in Psychology (Distinction)

Minor in Philosophy (Distinction)

Overall GPA: 3.77

### RESEARCH AND WORK EXPERIENCE

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#### Research Assistant

Mar 2017-Present

*Neurolinguistics Lab, New York University*

Supervisors: Liina Pykkänen and Alec Marantz

#### Research Assistant

Sept 2015-Sept 2016

*Abu-Haidar Institute of Neuroscience, American University of Beirut Medical Center*

- Environmental enrichment effect on rats after traumatic brain injury
- Validation of the Brief International Cognitive Assessment for Multiple Sclerosis (BICAMS) for the Middle East.
- Normative Data for the Hopkins Symptom Checklist and Rey Complex Figure Test

#### Master's Thesis

Sept 2014-Sept 2015

*University College London, Neuroscience of Language Group*

Investigation of the language pathways in the brain using TMS under the supervision of Dr. Joseph Devlin. Functional contribution and timing of the angular gyrus in reading using Transcranial Magnetic Stimulation.

- Participants recruitment
- Processing of MRI scans
- Administration of TMS
- Data analysis and write up

#### Part-Time Research Assistant

Dec 2013-Mar 2014

*Department of Psychiatry, American University of Beirut Medical Center*

'Assessing the impact of Stimulus Strength and Duration on Seizure Threshold and Time for Orientation Recovery' with Dr. Ziad Nahas.

- Preprocessing and organisation of EEG data
- EEG set up, pre-test and post-test of patients
- Acting as a liaison across the researchers

### PUBLICATIONS

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- Dirani, J. & Dietrich, A. Analysis of letter representation using Latin and Arabic scripts: A masked priming study, *Journal of Psycholinguistic Research*. (Under Review)
- Dirani, J., Yaghi, Z., & Dietrich, A. The reticular-activating hypofrontality. (Under Review)

## TEACHING EXPERIENCE

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- *Association for the Study of the Mind (ASOM)*
  - Seminar: 'Orthographic Representation and Semantic Processing of Words in Reading' **May 2016**
- *American University of Beirut, Department of Psychology*
  - Undergraduate special topic: Neuroscience of Language (4 lectures) **Oct 2015-Mar 2016**
  - Neuroscience of Consciousness: Global Workspace Theory and Split-brain patients **Nov 2015**

## AWARDS

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- Prize winner of the Faculty of Brain Sciences Graduate Video Competition (University College London) for a video explaining Transcranial Magnetic Stimulation: **Sept 2015**  
<https://www.youtube.com/watch?v=qyeNQdp2gSk>
- Received undergraduate degree with Distinction after being on the Dean's Honour List for all terms (6) **Sept 2011-Jun 2014**

## SKILLS

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### Languages

Arabic (native language), French (native language), and English

### Information Technology

Python, Matlab, SPSS, E-Prime, Excel, FSL Software Package,

### Others

Great team work and communication skills, capacity to take on decisive roles involving leadership skills and personal initiatives

## EXTRACURRICULAR

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### Writing

Author on [www.modestproposals.org](http://www.modestproposals.org)

### Music

Studied music theory, music composition, piano, guitar, and drums. Album recorded with the group 'Limelight'.