

BIOGRAPHICAL SKETCH			
NAME Antonio Trabalza PhD.		AFFILIATION Founders & Coders C.I.C 14 Palmers road E2 0SY London	
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QUALIFICATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE	YEAR(S)	FIELD OF STUDY
Founders & Coders	London Curriculum	2017	Full stack development
Imperial College London	Course	2015	C for Science
NIMR London - MRC	Course	2014	Successful Grant Writing
Imperial College London	License	2010	ASpA Personal License
“Sapienza” University of Rome	PhD Defended on 15/12/2009	2006-2009	Psychobiology and Psychopharmacology
“Sapienza” University of Rome	B.A.	1999-2005	General and Experimental Psychology

About

I am a Full Stack developer with an Academic Research background. I am passionate about everything Science & Technology and I enjoy functional, lean and clean designs.

Skills

Programming Languages

- Javascript ES6, HTML5 and CSS3.
- BEM, Bootstrap 3.* and 4.0, JQuery, React, Redux.
- Node.js – Express.js, Hapi.js, Handelbars and deploying Heroku.
- PostgreSQL, MySQL and MongoDB.
- QUnit, Tape, Travis CI, Jest, Codecov.
- Shell (bash) scripting.
- C and Arduino prototyping.
- Python and Raspberry Pi prototyping.
- R statistical analysis.
- OpenSCAD (3D object design and printing).
- FIJI/ImageJ2 Macro Language for microscopy image analysis & pattern recognition (see <https://antoniotrkdz.github.io>).

Information Technology / System Administration

- Gnu/Linux Operating System.
- Ubuntu, Debian, Gentoo, Fedora, CentOS and Devuan – Desktop and Server.
- LAMP/LEMP/LAPP/LEPP and MEAN software stacks.
- Network analysis and reporting tools (nmap, netstat, netcat, tcpdump, SAR, wireshark).
- VirtualBox and Qemu/KVM virtual machines.
- Docker and LXC.
- AWS, Puppet.
- Vim, Atom text editors.
- Good knowledge of computer hardware and of IoT Electronics.

Interpersonal, Planning and Problem solving

- Presentation of Code, Tech and related subjects and Product pitch, both written and oral.
- Presentation of Research findings in international journals, at conferences and regular Laboratory and Department meetings, both written and oral.
- Managing, planning and reporting of my own work and supervised students.
- Management of internal and external collaborations.
- Design and planning of novel experiments to overcome problems related to PhD and PostDoc research activities.
- Management of Research funds.

Working Experience:

From February 2017 to Present:

Freelance Full Stack developer at Founders & Coders

From May 2016 to February 2017:

Employed as Postdoc Research Associate at Department of Cellular and Molecular Neuroscience, Imperial College Faculty of Medicine – London, funded by BTRC – Brain Tumour Research Committee.

From June 2014 to November 2015:

Employed as Postdoc Research Associate at MRC – Clinical Sciences Centre, Imperial College Hammersmith Hospital Campus – London, funded by MRC core funding.

From May 2010 to March 2014:

Employed as Postdoc Research Associate at Department of Cellular and Molecular Neuroscience, Imperial College Faculty of Medicine – London, funded by ERC grant “Improved retrograde lentiviral vectors for gene therapy in motor neuron disease”.