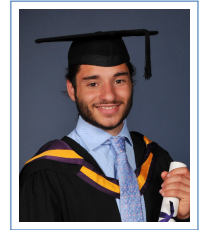# David Adler

Curriculum Vitae

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🖥 *www.davidadler.me*
Dual-nationality: Brazilian-British

Education

2009–2013 **2:1 (69%) BSc Honours Neuroscience** , *University of Manchester* , UK.

- Averaged 1st in core neuroscience modules.
- Demonstrated drive and creativity by designing my own final year project *de novo*.
- Project (awarded 1st): Disproved validity of a pioneering artificial intelligence algorithm. Created my own computational model of learning networks of the brain. Gained experience in computational modelling and machine learning.

2007–2009 **A levels**, *Ibstock Place School*, London, UK.

Physics (B), Maths (B), Biology (B). AS level: French (B).

2005–2007 **GCSEs**, *Ibstock Place School*, London, UK.

1A*, 5As, 4Bs + Triple Science.

Languages English (native), Portuguese (proficient), French (proficient) and Spanish (intermediate).

Academic Honours
- Featured in the University of Manchester Undergraduate Prospectus.
- Silver Award in UK National Mathematics Challenge.
- Advanced one year for academic attainment in primary school.

Experience

Current **Web developer**, *Aentropico, Rio de Janeiro, Brazil.*

- Web stack includes angularjs, nodejs, amazons3 and mongodb.
- Data visualizations with d3js.

Autumn 2013 **Web developer**, *SuperAwesome, London, UK.*

- Innovated and developed a front-end automator web app which optimized front-end build time from 5 hours to 1 minute. Made several presentations on this web app.
- Maintained front and backend. Built content management system for website.
- Using django, heroku, S3 storage, git, javascript, HTML5 canvas, HTML and CSS.
- Developed multiple HTML5 canvas mini-games.

Summer 2013 **Digital marketing analyst**, *SportPursuit, London, UK.*

- Innovated and developed a script which optimized marketing campaign launch time from 1 hour to 10 minutes.
- Performed data analysis of facebook and google advertisements.

2011–2012	**Neuroscience Research Intern**, *Laboratory of Functional Neuroanatomy, Iker-Basque, Spain.*

- Developed presentation skills in regular boardroom meetings.
- Project: Investigated changes in cell morphology of astrocytes in the triple transgenic mouse model of Alzheimer's disease. Developed skills in data analysis, fluorescence microscopy and immunohistochemistry.

Summer 2011	**Estate Agent**, *Imperial Homes, Kensington, London, UK.*

- Property negotiator in high-profile sales and lettings. Thrived in high-pressure negotiation situations and enjoyed problem solving in precarious deals.

Leadership roles

2012–2013	**Founder and chair**, of *University of Manchester Slackline Society.*

Developed management skills by organizing events and managing studies in parallel.

2012–2013	**Committee member**, of *University of Manchester Ultimate Programming Society.*

Gave a talk on google apps script and google app engine to a room of 50 persons.

Interests

Computer programming

- I **love** to code! This is my favourite hobby. I am self-taught and I have an ever growing list of software ideas. I like web development and innovating algorithms.

Language	Experience	Competence
Python	3 years experience. Developed professionally with django for websites serving tens of thousands of users. Built blog engine, personal website and website for a game. Built my final year neural network project. Competent with: django, webapp2, numpy/scipy, pybrain, matplotlib, selenium, BeautifulSoup.	High
Javascript	3 years experience. Used professionally when maintaining front-end of websites and building a front-end automator. Built several HTML5 canvas games. Competent with: google apps script, chrome extensions, emberjs, nodejs, expressjs, coffeescript, jquery.	High
HTML/CSS	3 years experience. Used SASS, twitter bootstrap and skelJS. Familiar with many new CSS3 and HTML5 standards.	High
C	Personal meal organizer, sudoku solver, experimented with GTK.	Medium
Java	A few simple android apps. Currently enrolled in a course.	Medium
Go	Small amount of functional programming and experimented with a chat server, but would like to learn more.	Low

Slacklining

- At ground level, I use the slackline as a thin trampoline and have since been sponsored and competed at national level (ranked 4th in the UK).

Cycling

I enjoy the challenge of bicycle touring and have travelled thousands of miles through Europe by bicycle.