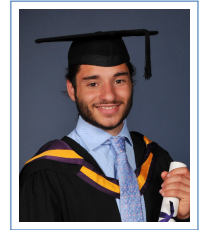


David Adler

Curriculum Vitae

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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

- 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 backend and frontend of websites. Deeply familiarised with django, heroku, and amazon AWS storage. Refined git collaboration skills.
 - Developed multiple HTML5 canvas mini-games.
- Summer 2013 **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
- A high altitude modern form of tight rope walking which has developed my ability to be able to maintain composure under highly stressful situations.
 - At ground level, I use the slackline as a thin trampoline and have since been sponsored and competed at national level (currently 4th in the UK).

Cycling I enjoy the challenge of bicycle touring and have travelled thousands of miles through Europe by bicycle. I have also volunteered at a bicycle recycling project in Manchester.