




Nicolas Pettican Perez

Data and biological sciences with business studies graduate, amateur programmer and web designer and part-time entrepreneur seeking to establish a career in management in the pharmaceutical industry.

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Education

09/2015 **MSc Bioinformatics and Systems Biology**

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Present The University of Manchester, UK

Learned computer programming languages such as Python, Java, Perl and R in order to create software to analyse genomic, transcriptomic and proteomic for clinical research. Developed better statistical analysis skills and improved work ethic and IT skills. Currently working on a structural bioinformatics project with Dr Tabernero.

09/2012 **BSc Biotechnology with Enterprise**

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06/2015 The University of Manchester, UK

2.1 with honours

Obtained background knowledge in biological sciences, microbiology, pharmacology, biotechnology, bioethics, data analysis, report writing, management, science communication and entrepreneurial skills. Developed skills in communication, marketing, leadership and teamwork by participating in discussion boards, debates to catch up on biological topics, TBL exercises, business & entrepreneurial workshops and the XING business game. Developed business plans, analysed markets and worked with lab partners to carry out experiments to collect and analyse biological data.

09/2010 **A levels (Bachillerato)**

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06/2012 I.E.S. (Sixth Form College) Maria Ibars, Spain

Biology (A), Chemistry (B), Maths (B), English (A*), Philosophy (B), Grammar and Literature (B).

Work experience

01/2015 **Post-graduate Student Ambassador**

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Present Faculty of Life Sciences, University of Manchester

Provide tours, activities, Q&A sessions and general information for prospective postgraduate students (home and international) in the Faculty of Life Sciences. Answer their queries about the university, English culture and student life over emails, social media and phone calls through the Manchester Calling Campaign.

08/2014 **Event Manager**

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10/2014 Rough Hill Events Company

Recruited, trained and managed payroll of all promotional staff, networkers and event staff. Developed marketing strategies to maximise sales through social media and networking and managed the finances and marketing for every event.

07/2014 **Undergraduate Student Researcher**

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09/2014 Department of Animal and Plant Sciences, University of Sheffield & RAGT Seeds

Carried out a BSPP-funded plant pathology project studying the wheat metabolome during fungal pathogenesis. Developed new laboratory skills through LC-MS and microscopy, and improved analytical skills and time management. Assisted Dr Hughes in RGAT Seeds pathology research and attended the BSPP presidential conference in St Andrews.

10/2012 **PR, Salesman and Event Staff**

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06/2014 Rough Hill & Social Junkies

Promoted events through social media, street promotion and door to door sales establishing a good profile in student halls. Provided access control and crowd management for events and aided in decisions for marketing strategies.

Positions of Responsibility

10/2015 **Society President and Co-Founder**

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Present Bioinformatics Society, Student's Union, University of Manchester

Represent the society as figurehead and oversee activities such as the "Code for Life" series, which offers IT, coding and programming workshops for life scientists of all levels of expertise. Run committee meetings, secure funding for events and activities and set goals and objectives while overseeing their fulfilment.

- 09/2012 **Committee Executive**
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 03/2015 Faculty Of Life Sciences Society, Student's Union, University Of Manchester
- Democratically elected as: 1st year representative, events and marketing manager (2nd year) and vice president (3rd year). Organised and managed events for the students of the Faculty of Life Sciences, gave regular updates in lecture announcements in front of hundreds of students, used marketing strategies to create successful events and provide a better experience for the society members and designed the Society's logo, posters and all other advertising material.
- 10/2013 **Activities and Events Manager**
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 06/2014 Oak House Halls' Residents Association, University of Manchester
- Organised and managed events and activities (such as the Oak House Ball) for the residents of Oak House Halls working with the Residents Association in order to provide an enjoyable year for both home and international students.

Interests

- Volunteering**
- **Team Leader** in ADAHMA: ran mind-stimulating and fun activities for children with ADHD.
 - **Volunteer** in "Condenados al Bordillo": ran stimulating and enjoyable events and activities for handicapped children and adults of different physical and mental capabilities.
 - **Summer Camp Volunteer** in Diverbo: encouraged and helped Spaniards to speak English.
- Science Communication**
- Participate in **Outreach Events** for the University of Manchester in primary schools to spread awareness and knowledge of microbial life: its misconceptions and how to prevent complications.
 - Currently creating educational and satirical **animations** (using Animate CC, Illustrator CC and After Effects CC), and **blog** content to spread awareness of Science in society.
- Web design**
- **Amateur web designer** specialising in static pages (html, css & js) using Jekyll and other Ruby gems to host websites for free on GitHub.

Skills & Competences

IT Proficiency: Microsoft Office Suite, Creative Cloud, Linux

Programming: Python, Perl, Java, R, HTML, CSS

Biological Sciences: Microscopy, PCR, LC-MS, Pharmacology

Data Analysis: Statistics, Predictive Modelling, Analytic Tools

Teamwork & Leadership: Team Thinker, Enthusiastic, Energetic

Oral & Written Communication: Public Speaker, Blogger

Business: Goal-oriented, Entrepreneurial, Flexible, Passionate

Adaptive: Self-developer, Multi-cultural, Fast-learner

Languages

English – fluent

Spanish – fluent

Catalan – expert

German – beginner

References available on request