

Jodie Lord

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Academia

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- 2018-2021** **Institute of Psychiatry, Psychology & Neuroscience: King's College London**
Neuroscience, PhD – In Progress
- Project focussing on analysing high-dimensional multi-omics data and utilising machine learning techniques to investigate potential causal pathways and biomarkers associated with Alzheimer's Disease.
 - 3 year fully funded scholarship awarded from: van Geest Endowment fund.
 - Achievements to date include:
 - Winner: Early Career Investigator Programme Award – World Congress of Psychiatric Genetics, 2019.
 - Winner: Best academic poster – KCL neuroscience symposium, 2019.
 - Finalist: Young lipid scientist of the year – Soc. of Chemical Industry 2019.
- 2019-2021** **Institute of Psychiatry, Psychology & Neuroscience: King's College London**
Applied Statistical Modelling, MSc (part time) – In Progress
- 1 year partially funded scholarship awarded from IoPPN Biostatistics department.
 - Topics covered include; Statistical modelling, statistical programming, prediction modelling, causal modelling, machine learning, and computational neuroscience.
 - Programming languages include; R, Python, STATA.
 - Grades to date:
 - Statistical programming (with assessments in R, Python, & STATA): 96%
 - Statistical modelling: 88%
 - Prediction modelling: exam - 78%, coursework 1 - 91%, cw 2 - pending.
- 2017-2018** **Institute of Psychiatry, Psychology & Neuroscience: King's College London**
Neuroscience, MSc – Distinction (78%)
- Specialisation: Psychiatric genetics.
 - Final project: "Disentangling Anorexia Nervosa using Genetics" (thesis grade: 89%).
 - Final project involved developing skills in:
 - DNA extraction and chip genotyping.
 - Quality control and genome-wide association analyses using GenomeStudio, PLINK(unix driven), R and python.
 - Polygenic risk scoring using PRSice.
 - Graduated within the top 2% of a cohort of >100 students.
- 2010-2013** **University of Exeter**
Psychology, BSc – 1st Class Hons.
- 83% in both 1st and 2nd year Statistics | 79% in 1st year Research Methods | 80% in 2nd year Biological Psychology | 77% in 2nd year Cognitive Psychology | 76% in 3rd year Brain Imaging | 73% for final year project.
- 2007-2009** **Varndean College**
GCE A-Levels – A, A, A, B
- 100% achieved for 3 written exams.

Work Experience

Graduate Teaching Assistant

King's College London, Guy's Campus, Great Maze Pond, London SE1 1UL (Dec 2018 – Present)

- Part time role assisting with the teaching and marking of core statistics and biological modules within the undergraduate BSc Psychology course at King's College London.
- As of January 2020, this includes leading the "Big Data Analytics in Python" mini-module; producing all course material and assessment criteria.

Health Care Assistant

The Priory: Priory Lane, Roehampton, London, SW15 5JJ (Oct 2017 – Present)

Weekend role working predominantly within child and adolescent mental health units. I am responsible for:

- Maintaining a safe, stimulating and therapeutic environment for patients residing on the wards.
- Close communication with the multidisciplinary team to uphold patient care and prevent risk.

- Round the clock care, both psychiatric and physical (e.g. cleaning wounds, applying creams etc).

Product Analyst / Product Owner

AIMIA, 80 Strand, London, WC2R 0NN (May 2016 – October 2017)

Working within one of four core feature teams, the primary focus of this role was to drive the development of a newly launching global analytics platform, from concept to delivery, ensuring successful increments which were both technically robust and adhered to the requirements of the business were realized. Duties included:

- Being the leading face of a team of 6 back-end and front-end developers, and 4 test-analysts.
- Owning the developmental backlog; defining and prioritising scope.
- Co-ordination of multiple teams, both onshore and offshore.
- Feature sign-off.
- Provision of product demos and roadmap updates to key stakeholders.

Business Analyst / Product Consultant

Financial Express, Hollywood House, Church Street East, Woking, GU21 6HJ (May 2015 – May 2016)

Within this role I was tasked with driving the development of a productised web-based platform, managing elements similar to the product owner role cited above, and additionally:

- Aiding pre-sales support and attendance at client meetings.

Forensic Health Care Assistant

Priory: Farmfield Secure Services, Farmfield Drive, Charlwood, Surrey RH6 0BN (Jan 2015 – May 2015)

- Therapeutic care to male forensic psychiatric patients detained under the Mental Health Act (1983).

Account Manager

Financial Express, Golden House, Great Pulteney Street, London, W1F 9NN (Sept 2013 – Jan 2015)

- Managing the relationship and retention of > 50 institutional financial client accounts based across London, Ireland and Channel Islands. Clients included; Aviva, HSBC, Fidelity and Standard Life.

Camp Counsellor (Summer Placement: U.S.A)

Indian Head Camp, NY 10583, P.O. Box 1199 (Jun 2011 – Aug 2011)

- Round the clock care to twelve 10-11-year-old females within a larger camp setting.

Coffee Barista

Starbucks: 51 Western Road, Hove, BN3 1JD / 5 High Street, Exeter, Devon, EX4 3LF (June 2009 – Aug 2012)

- Nominated for "Barista of the Quarter" in 2010.

Voluntary Work Experience

Research Assistant

Oxford University in collaboration with Kings College London (Feb 2018 – Aug 2018)

Working collaboratively with a team of clinical psychologists and fellow research assistants across both Oxford University and Kings College London, this role involved assistance with:

- Phase 1: Leading class-wide questionnaire sessions relating to social anxiety at a range of London based secondary schools.
- Phase 2: Following up select students in an experimental paradigm designed to investigate cognitive models of managing social anxiety.

Research Intern

Centre for Clinical Neuropsychology Research, Perry Road, Exeter EX4 4QG (Jan 2011 – Apr 2013)

Key Responsibilities within this role included:

- Independently researching and consolidating scholarly material.
- Planning & assistance at London based neuroscience conferences; with topics focussed on neuroplasticity following early life trauma, and links between traumatic brain injury and offending behaviour.
- Excel and SPSS data analysis.
- The co- creation of a public website to inform on neuroscience issues.

Additional Skills, Certifications and Completed Short Courses

- Competent in the use of SQL, R, Python and PLINK.
- Advanced competency in MS Office, Excel, Powerpoint, and SPSS.
- Professional Skills Certification in Molecular Biology and Genetics Virtual Lab (*King's College London*).
- Code in a Day - 1 day onsite short course (*Decoded*).
- Data Visualisation and Infographic Design – 2 day onsite short course.
- Polygenic Risk Score Analysis; Basic and advanced applications of PRSice – 1 day onsite short course.
- Advanced Python for Biologists – 5 day short course.