

# Jodie Lord

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## Academia

**2018-2021**      **Institute of Psychiatry, Psychology & Neuroscience: King's College London**  
**Neuroscience, PhD – In Progress**

Analysing high-dimensional multi-omics data and utilising machine learning techniques to investigate potential causal pathways and biomarkers associated with Alzheimer's Disease.

**2017-2018**      **Institute of Psychiatry, Psychology & Neuroscience: King's College London**  
**Neuroscience, MSc – Distinction (78%)**

Following specialisation in psychiatric genetics, my final project focussed on genetic variants associated with Anorexia Nervosa. This involved developing skills in; DNA extraction, chip genotyping, and analysis using GenomeStudio, PLINK (command line driven) and R; LDscore regression using Python, and polygenic risk scoring using PRSice software. Graduated within the top 2% of a cohort of >100 students.

**2010-2013**      **University of Exeter:**  
**Psychology, BSc – 1<sup>st</sup> Class Hons.**

### Notable marks include:

83% in both 1<sup>st</sup> year and 2<sup>nd</sup> year Statistics | 79% in 1<sup>st</sup> year Research Methods | 80% in 2<sup>nd</sup> year Biological Psychology | 77% in 2<sup>nd</sup> year Cognitive Psychology | 76% in 3<sup>rd</sup> year Brain Imaging | 73% for Final Project (primary research with statistical analysis via SPSS software).

**2007-2009**      **Varndean College:**  
**GCE Advanced Levels: A, A, A, B**

100% achieved for 3 written exams

## Research Interests

Psychiatric Genetics | Health biomarkers | Bioinformatics | Omics | Mental health | Neurodegeneration | Personalised medicine | Eating disorders | Gene x environment interactions.

## Work Experience

### 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).
- Remaining up to date with essential training including those relating to security checks, prevention and management of violence and aggression, conflict management and safe guarding.

### 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 of core statistics (including big data analytics in Python) and biological modules within the undergraduate BSc Psychology course at King's College London. Responsibilities include; leading small group tutorials, group sessions, and marking.

### 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.

- Creation and maintenance of product documentation and gap analyses.

### **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.
- Coordinating product deployments.

### **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.
- It was my responsibility to ensure routines were adhered to, camper conflicts were managed, a high level of communication was maintained throughout, and a fun, motivated atmosphere was upheld.

### **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**

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### **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 with 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**

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- 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.

## **Associations**

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- Graduate Member of The British Psychological Society – Division of Neuropsychology.
- American Association for the Advancement of Science.
- bEAT (Association for eating disorders).