# Jodie Lord

07817158810 **|** jodie.lord@kcl.ac.uk
Linkedin: https://www.linkedin.com/in/jodie-lord-77556a74/ | twitter: @JodieLord5

## Academia

**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:
    - o Winner: Early Career Investigator Programme Award – World Congress of Psychiatric Genetics, 2019.
    - o Winner: Best academic poster – KCL neuroscience symposium, 2019.
    - o Finalist: Young lipid scientist of the year – Soc. of Chemical Industry 2019.
    - o Recipient: Alzheimer's Research UK travel grant, 2020.

**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.
- Total weighted grade to date (July 2020):
    - o 86% *(based on 9 x coursework, 4 x exam, 1 x presentation).*
- Selected modules include; Statistical Modelling | Statistical Programming | Prediction Modelling | Causal Modelling | Machine Learning | Multilevel Modelling | Structural Equation Modelling (SEM).
- Programming languages include; R, Python, STATA.

**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:
    - o DNA extraction and chip genotyping.
    - o Quality control and genome-wide association analyses using GenomeStudio, PLINK(unix driven), R and python.
    - o 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)*
- Tasked with driving the development of a productised web-based platform, managing elements similar to the product owner role cited above.

### 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.