LA TROBE UNIVERSITY

Work Based Learning (WBL) Placement Description

Host Details

Host Organisation	LXT AI
Placement Title	AI Data Specialist - Linguistics
Placement Location	Remote
Address (if onsite)	
Primary Supervisor Name	Jess Fernando
Position Title	Solutions Manager
Host Organisation Website	[LXT	AI Training Data	Data Collection and Annotation](LXT | AI Training Data | Data Collection and Annotation)

Host Organisation Background:

LXT is an emerging leader in AI training data to power intelligent technology for global organizations. In partnership with an international network of contributors, LXT collects and annotates data across multiple modalities with the speed, scale and agility required by the enterprise. Our global expertise spans more than 145 countries and over 1000 language locales. Founded in 2010, LXT is headquartered in Canada with presence in the United States, UK, Egypt, India, Turkey and Australia. The company serves customers in North America, Europe, Asia Pacific and the Middle East.

Students applying for this opportunity need to be aware that it is a fully remote placement and the assigned supervisors work in different time zones. This is a common experience in the tech industry and provides a unique "real world" experience for students who are open to it. Learning to work with colleagues in different timezones will provide students with skills in stakeholder engagement, time management and communication and will help prepare students for future work in an increasingly more flexible workplace.

Placement Details

Placement Semester/Term	Term 6 2024
Start Date	05 November 2024
End Date	15 December 2024
Days/hours per week	
Hours (total)	100 hours
Placement Type	Unpaid

The host and successful student will have an opportunity to negotiate placement start and end dates, as well as days of the week that align to the Term or Semester dates that the student is enrolled in prior to commencing the placement.

Desired Course Discipline/Background
Preferred degree/areas of study:

• Bachelor of Languages and Linguistics • Bachelor of Arts – majoring in Linguistics

Key Duties and Responsibilities

1. Experimental learning on project tasks and building linguistically relevant training material.
   Learning outcome: to understand LXT's work and business and how AI data providers can linguistics/language knowledge

to enhance their services.
2. Receive on-project training on text data manipulation and post-processing.
   Learning outcome: learn basic computational linguistic skills.
3. Conduct research on AI trends
   Learning outcome: gain industry insights on how LXT uses research to build products and services.

Linguistic skills
- Analysis of LXT's clients' requirements from a linguistic perspective to make recommendations for project guidelines and identify potential project risks
- Identifying linguistic knowledge (e.g. phonology, morphology) that applies in an AI data context for speech and NLU/NLP projects, including for language assessments and training content
- Learning or enhancing computational skills to improve the quality of multi-lingual text datasets through pattern identification and language knowledge
- These skills might include Excel, regular expressions, Linux command line, script running

Research
Identifying potential industry trends based on academic research to be presented at ICASSP 2024 and LREC 2024 on semantic technology, how it can be used to fine-tune Large Language Models, and how that could be applied as a service for an AI data provider.

Selection Criteria

Essential:
- **An interest in language, problem solving skills and openness to engagement with technology, strong written and verbal communication skills, ability to work independently, good computational skills (e.g. Microsoft Word, Excel and other common software), ability to synthesise complex information.**

Desired:
- **An interest in natural language processing and AI technologies and their applications. An interest in logic and/or semantics (linguistic meaning). Experience with programming languages will be favorably regarded but is not required.**

Pre-Placement Compliance Checks & Requirements

☐ Police Check
☐ Working With Children Check (WWCC)
☐ Other (Please Specify)
☒ None

Work Based Learning (WBL) – Subject Information and Requirements

Subject Code	LTU3IND
Subject Information	
Subject Prerequisites	• Completed 120 credit points of your degree • Have 1 elective space in your course plan

How to Apply

Application Deadline: 25 September 2024
Application Instructions:

Please provide:

- CV/Resume
- Cover letter. Please address why you are interested in this placement opportunity.
- Apply through the following link: [Industry Placement Application Form, Careers and Opportunities, La Trobe University](#)

For help with your cover letter and resume - [Resumes and job applications, Careers and Opportunities, LTU](#)

Thank you for considering a Work Based Learning Placement!