

Host Employer:	Universiti Brunei Darussalam
Internship Position:	Research Intern
Industry:	Education/ Training/ Research
Department:	School of Digital Science
Duration:	Minimum 10 weeks internship. Start anytime in 2025
Internship Location:	Bandar Seri Begawan, Brunei
Job Code:	A1029
Company Website:	https://sds.ubd.edu.bn/

The School of Digital Science at Universiti Brunei Darussalam (UBD) is a leading institution in Brunei, specializing in digital technologies, research, and innovation, offering academic programs and fostering collaboration in the fields of computer science, artificial intelligence, robotics, cybersecurity and data science.

Job Summary

The intern will assist in coding psychological experiments, translating research papers into simulation models using Python or MATLAB. This will involve identifying and reading research papers with experiments, programming those experiments for simulations, and running those simulations under the guidance of the professor. The intern will gain practical experience in programming within a research context.

Related Disciplines

COMP

Key Duties and Responsibilities

Key Responsibilities:

1. Review and understand psychological research papers with experimental setups.
2. Code experiments in Python or MATLAB, creating simulations based on the research.
3. Test, run, and debug the simulations to ensure accuracy and functionality.
4. Collaborate with the professor and research team to refine experiment coding and simulations.
5. Document code and results, ensuring that the process is reproducible and well-documented.
7. Attend meetings with the research team and provide updates on progress.

Job Requirements:

Possible challenges:

1. Need for attention to detail and high precision in coding to replicate experiments accurately.
2. Irregular working hours and occasional weekend work to complete tasks or meet deadlines.
3. Occasional difficulty in understanding complex psychological concepts, requiring quick learning and adaptation.

Essential Attributes:

1. Strong programming skills in Python or MATLAB.
2. Background in Computer Science, Cognitive Psychology, or related fields.
3. Ability to analyze and understand research papers, particularly in psychology.
4. Strong problem-solving skills and ability to translate concepts into code.

Desirable Attributes:

1. Ability to work independently and manage tasks efficiently.
2. Desire to excel and continuously improve the quality of work.

3. A willingness to learn and improve coding skills within the context of psychological research.
4. Good communication skills to collaborate with the professor and research team.

Language Requirements

English

Working Days and Working Hours

5 days a week Monday to Friday

8.00 am to 5.00 pm (Monday to Friday) with 1 hour lunch break

Benefits provided, if applicable

N/A