

Job Description

Job Title: Post-doctoral Fellow/Research Assistant
Job ID: 3262
Department: Department of Electronic & Computer Engineering

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Job Posting Details

The appointee will work in Dr. Yiwen Wang's Lab (<http://www.ece.ust.hk/ece.php/profile/facultydetail/eewangyw/>) to study neuroplasticity in developing and applying computational approaches to discover and understand the underlying principle of how brain learns to generate accurate autonomous control on neuro-prosthesis via adaptation to the environmental demands and to pursue the translational application for clinical use. The appointee will have collaboration opportunities with the University of Florida, USA and Ulsan National Institute of Science and Technology Ulsan, South Korea.

Applicants for the Post-doctoral Fellow position should have a PhD degree in neuroscience, electrical engineering, mathematics, physics, computer science or a related discipline with solid knowledge of computational neuroscience, and background of signal processing and machine learning. Relevant working experience in a laboratory setting with animals, including electrophysiology recording, animal behavior training and brain surgery, will be an asset. For the Research Assistant position, applicants should have a bachelor's or higher degree in biology or medicine with experience in programming. Candidates with practical experience in electrophysiology recording, animal behavior training and brain surgery are preferred. The successful candidate should be capable of working independently and have strong analytical skills. (Duration: 1 year, renewable)

Starting salary will be commensurate with qualifications and experience. Fringe benefits including annual leave, medical and dental benefits will be provided.

Together with a curriculum vitae and a statement of interests to the Human Resources Office. Review of applications will continue until the position is filled.

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