

PhD student position in “*Medical Prognosis and Diagnosis using Neural Networks and Artificial Intelligence*”, International Hellenic University, Thessaloniki, Greece

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The International Hellenic University (IHU) is Greece's first public university where programmes are taught exclusively in English. The School of Science and Technology (SST) has been established to provide excellence in Technology Education and Research. Its activities cover research and postgraduate programmes on Information and Communication Technology (ICT) Systems and Energy Systems. The School's philosophy is to provide state-of-the-art multi-disciplinary education.

More info for the university: www.ihu.edu.gr

Topic:

The PhD candidate will investigate the Artificial Intelligence (AI) methods and Artificial Neural Networks in particular in medical Prognosis and Diagnosis. The focus can be on algorithms for diagnosis, prediction and healthcare support. AI-related methods applied to medical and health-related data could be used to investigate patient health trends, evaluate treatment effectiveness, predict disease occurrences, and identify patterns.

Requirements:

The candidate should have:

- a) Degree in one of the following: electrical or computer engineering, computer science/ informatics, science (maths, physics) or medicine.
- b) Master of Science preferably in Data Science, Artificial Intelligence, Robotics, Computer Science, Information Systems or similar.
- c) Excellent knowledge of written and spoken English (min. C1 level) is a requirement for the position.
- d) Publications, especially in peer reviewed journal and/or conferences are a strong plus.

The School of Science and Technology will not charge fees for doctoral studies.

Applications: The application should include

- a) Application form providing your personal details and the proposed subject of the doctoral thesis
- b) Full research proposal giving the motivation, the objectives and the expected outcomes for the PhD research
- c) A motivation letter with your research interests and the reasons for applying for this PhD position and experience (max. 2 pages). Please indicate also your earliest possible date for starting.
- d) Copy of undergraduate and Master's degrees, along with transcripts.
- e) Full CV, including information on the candidate's studies, research or professional activity, his/her scientific papers and interests
- f) Very good knowledge of the English language (level C1)
- g) Relevant publications (if any)
- h) A copy of your MSc thesis (or a summary in case the thesis is ongoing).
- i) Two reference letters

Applications should be sent via email to: infotech@ihu.edu.gr.

Information:

For more information about the post please contact Prof. Christos Tjortjis: c.tjortjis@ihu.edu.gr

Starting: 01 June 2025 or as otherwise agreed.

Please submit your application no later than 19 May 2025.