

## PhD positions available

### Position 1:

### PhD student position in “*Artificial Intelligence in Medicine*”, International Hellenic University, Thermi, 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](http://www.ihu.edu.gr)

#### **Topic:**

The PhD candidate will investigate Artificial Intelligence (AI) methods in medical or health-related data. 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 in Data Science, Artificial Intelligence, Computer Science, Information Systems or similar.
- c) Very good knowledge of written and spoken English (min C1 level) is a requirement for the position.

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](mailto:infotech@ihu.edu.gr).

**Information:**

For more information about the post please contact Prof. Christos Tjortjis:  
[c.tjortjis@ihu.edu.gr](mailto:c.tjortjis@ihu.edu.gr)

**Starting:** 01 Mar 2025 or as otherwise agreed.

**Please submit your application no later than 17 Jan 2025.**

## Position 2

### PhD student position in “*Data Science in Software Engineering*”, 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](http://www.ihu.edu.gr)

#### **Topic:**

The PhD candidate will investigate data science/mining or machine learning methods to support Software Engineering activities. The research could focus on algorithms applicable to source code, comments or documentation. The target is research in data science/ mining and machine learning domains to analyze bug trends, assess code quality performance, predict bug occurrences, and identify patterns in code and bugs. Additionally, NLP methods could be examined for tasks like code generation and refactoring suggestions.

#### **Requirements:**

The candidate should have:

- a) Degree in electrical or computer engineering, computer science/ informatics.
- b) Master of Science in Data Science, Artificial Intelligence, Software Engineering, Computer Science or equivalent.
- c) Very good knowledge of written and spoken English (min C1 level) is a requirement for the position.

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](mailto:infotech@ihu.edu.gr).

**Information:**

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