

## ERASMUS STUDENT INTERNSHIP OFFER

EMPLOYER INFORMATION	
<b>Name of the organisation</b>	University of Zagreb (UNIZG) Faculty of Organization and Informatics (FOI)  <a href="https://www.foi.unizg.hr/en">https://www.foi.unizg.hr/en</a>  <b>Artificial Intelligence Laboratory (AI Lab)</b>
<b>Address</b>	Pavlinska 2, 42 000 Varaždin Croatia
CONTACT DETAILS	
<b>Contact person</b>	Ms Izabela Oletić Tušek, Head of FOI International Relations Office e-mail: <a href="mailto:international@foi.unizg.hr">international@foi.unizg.hr</a> phone: +385 42 390 826
PLACEMENT INFORMATION	
<b>Department/ Function</b>	<b>Artificial Intelligence Laboratory</b>  AI Lab mission is to conduct cutting-edge, long-term research and education in artificial intelligence, multi-agent systems, AI and computer games, AI applications, data analytics and related topics.  <a href="https://www.foi.unizg.hr/en/about-us/departments/ai-lab">https://www.foi.unizg.hr/en/about-us/departments/ai-lab</a> <a href="http://dragon.foi.hr:8888/">http://dragon.foi.hr:8888/</a>
<b>Description of activities</b>	The Artificial Intelligence Laboratory (AILab) is actively involved in

pioneering projects that push the boundaries of artificial intelligence and its applications. One of the projects, titled "O\_HAI ④ Games," focuses on the development of hybrid artificial intelligence methods, especially in the realm of computer games. The project aims to establish a new framework for orchestrating hybrid AI methods, particularly for computer games, and involves the creation of an ontology of hybrid AI methods and a meta-model. This meta-model is intended to be implemented into a modular distributed orchestration platform, which will be tested in various gaming-related environments, including MMORPG games, gamified learning platforms, serious games related to autonomous vehicles, and a game for a holographic/volumetric gaming console.

Additionally, AILab is a participant in the "Full STEAM Ahead!" project, which aims to establish the first STEAM primary school in the Varaždin County. In this project, the AILab is specifically focused on the implementation of cognitive agents. The STEAM approach integrates science, technology, engineering, arts, and mathematics to foster innovation, critical thinking, and creative problem-solving among students. The project also emphasizes the use of

	modern teaching methods, ICT, entrepreneurship, and active citizenship, with a special focus on enhancing STEAM competencies of both teachers and students.
<b>Duration</b>	Internship starts <ul style="list-style-type: none"> <li>• from (TBD)</li> </ul> (duration 2-5 months)
<b>Working hours per week</b>	40
<b>Help with finding accomodation</b>	We can check if there is available room in Student residence Varaždin and/or send you info where to look for private accomodation.
<b>Payment</b>	Kindly seek information regarding the Erasmus+ traineeship grant or a national scholarship through your home university's international office.

REQUIREMENTS	
<b>Oral and written language skills</b>	English language – equivalent to level B2 or above
<b>Skills</b>	Programming (Python preferred), game engines, database systems
<b>Prior knowledge</b>	Basics of AI, basics of computer games, basics of database systems

OTHER	
<b>Documents to be submitted</b>	Please send your: <ul style="list-style-type: none"> <li>• CV;</li> <li>• letter of motivation (stating your preferred dates of beginning and ending of the internship);</li> <li>• transcript of records</li> </ul> via email to <a href="mailto:international@foi.unizg.hr">international@foi.unizg.hr</a>