

JOB OFFER

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| Position in the project: | Junior Software Specialist/ Student Intern |
| Scientific discipline: | Engineering and Technology |
| Job type (employment contract/stipend): | The student selected in the competition will receive an individual scholarship |
| Number of job offers: | 1 |
| Remuneration amount/month: | 2000 PLN gross/month with an availability of at least 20 hours per week * scholarships are exempt from personal income tax under Article 21(1)(137) of the Personal Income Tax Act of 26 July 1991 (Journal of Laws of 2012, item 361, as amended) |
| Position starts on: | 1st of August 2022 (and onwards, depending on applicant's availability) |
| Maximum period of contract/stipend agreement: | 6 months |
| Institution: | International Centre for Translational Eye Research (Institute of Physical Chemistry, Polish Academy of Sciences) |
| Project leader: | Dr Andrea Curatolo |
| Project title: | International Centre for Translational Eye Research (MAB/2019/12) The project is carried out within the Image-guided Devices for Ophthalmic Care (IDoc) group of the International Centre for Translational Eye Research (ICTER). The Centre is funded within the International Research Agendas Programme of the Foundation for Polish Science. It is a collaboration between Institute of Physical Chemistry PAS and University College London, UK. |
| Project description: | <p>The International Centre for Translational Eye Research (ICTER) is a multi-investigator centre for eye research related to imaging and biochemical techniques to support advances in understanding the aetiology and treatment and human blinding diseases. Further information on the research priorities and current expertise of our Centre can be found at http://www.icter.pl.</p> <p>Within ICTER, the IDoc Laboratory, led by Dr Curatolo, seeks to develop a novel <i>platform for intraoperative ophthalmic OCT image guidance of robotic-aided treatments</i> to fulfil unmet surgical needs in minimally invasive surgery on the eye (anterior and posterior pole). For more information on the projects, please mail Dr Curatolo at andrea.curatolo@ichf.edu.pl</p> <p>The IDoc Laboratory seeks a Junior Software Specialist with knowledge of modern C++ and an understanding of Object-Oriented programming and architecture design patterns related to it, as well as proficiency at CMake, GTest and Git usage, among other skills.</p> <p>The Junior Software Specialist will have a direct impact in helping with the software development for controlling a robotic arm in real-time in a multi-device I/O exchange software architecture. The Junior Software Specialist will report directly to the IDoc Software Engineer, Krzysztof Gromada, who is in charge of the software development for the project.</p> |

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| Key responsibilities include: | <ol style="list-style-type: none"> 1. Development of software for robotic arm control 2. Unit and functional test preparation using GTest 3. Code reviews 4. Image processing pipelines preparation 5. Work on DevOps – Adjusting Docker files, CMake, testing of different compilers setups, software debugging and profiling for high processing rate 6. Performing other duties as directed |
| Profile of candidates/requirements: | <ol style="list-style-type: none"> 1. Is a student in computer science, software engineering or related discipline 2. Good knowledge of modern C++ including clean code practices 3. Understanding of Object-Oriented Programming and architecture design patterns related to it 4. Good to have knowledge of Python, C# 5. Proficiency at CMake, GTest, Git usage 6. Knowledge of Windows and/or Linux OS work principles, including communication sockets, library creation and management 7. Basic knowledge in robotics and control engineering 8. High English communication skills 9. Good self-organization |
| Key assessment criteria: | <ol style="list-style-type: none"> 1. Documented experience fitting the profile requirements 2. Presented opinions via reference letters (if required) |
| Required documents: | <ol style="list-style-type: none"> 1. Curriculum vitae 2. Cover/motivation letter 3. Name and email of 2 referees |
| We offer: | <ol style="list-style-type: none"> 1. Individual Scholarship paid by the Foundation for Polish Science. *The scholarship is treated as financial support for the project participant and paid by the Foundation only, directly to the individual bank account of scholarship holder on the basis of separate agreement. The scholarship holder shall not receive remuneration from the project funds while receiving the scholarship. 2. Opportunity to work in an innovative scientific environment 3. International cooperation with experienced researchers 4. Access to well-staffed core facilities |
| Please submit the required documents to: | <p>lcter_jobs@ichf.edu.pl</p> <p>Kindly specify in the application topic: Recruitment no. MCBO 60/2022</p> |
| Application deadline: | <p>July 15, 2022</p> <p>Successful candidates fulfilling the main eligibility criteria and qualifications will be invited for an interview (which will most likely take place in an online (or in person, if possible) format in the second half of July 2022). Competition results shall be announced soon after that.</p> <p>The International Centre for Translational Eye Research (Institute of Physical Chemistry PAS) is committed to employment equality (esp. European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers) and welcomes applications from all qualified candidates fulfilling the requirements specified in this announcement.</p> |

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| For more details about the position please visit (website/webpage address): | www.icter.pl or contact Krzysztof Gromada (Kgromada@ichf.edu.pl) |
| Euraxess job/stipend offer (in case of PhD, postdoc, leader and young leader positions): | https://euraxess.ec.europa.eu/jobs/799755 |

The controller of your personal data is the International Centre for Translational Eye Research with its registered office in Warsaw, NIP: 1080023333 (the "ICTER"). ICTER will process your data for the purpose of carrying out scientific and research activities, providing services and contact with ICTER, on the basis of a contract (in connection with the performance of the contract or in order to take action on your request before the contract is concluded – Article 6, paragraph 1, letter b) of GDPR), the legitimate interest of ICTER (Article 6, paragraph 1, letter f) of the GDPR) and legal provisions (Article 6, paragraph 1, letter c) of the GDPR) - depending on the circumstances.

You have the right to: request access to your data, receive a copy of it; rectify (correct) it; delete it; limit its processing; transfer it; lodge a complaint to the supervisory body; withdraw your consent for processing at any time (withdrawal of consent does not affect the lawfulness of the processing carried out prior to its withdrawal) or to lodge an objection to data processing. More information is available on the Institute's website.

http://www.icter.pl/blob/ICTER_GICR.pdf