# Artur Ignatiev

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## Positions

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|---|---|---|
| 2022 – · · · · | 🔖 | **International Laboratory of Game Theory, HSE University**<br>Junior Research Fellow. |
| | 🔖 | **Leonhard Euler International Mathematical Institute**<br>Researcher. |
| 2022 – 2023 | 🔖 | **StarKit Studio**<br>Game Analyst, full stack analytics.<br>Statistics, A/B testing, Database, Mathematical calculations, User behavior research. |
| 2021 – 2022 | 🔖 | **Tinkoff**<br>Internship, Data Scientist. |

## Education

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|---|---|---|
| 2022 – 2024 | 🔖 | **M.Sc. Computer Science, St. Petersburg University,**<br>**Department of Mathematics and Computer Science**<br>Thesis title: *Inconsistent Planning: Task Graph Modification*. |
| 2018 – 2022 | 🔖 | **B.Sc. Mathematics, St. Petersburg University,**<br>**Department of Mathematics and Computer Science**<br>Thesis title: *Communication complexity bounds on Karchmer-Wigderson games*.<br>With distinction. |

## Research interests

Algorithms, Parameterized Algorithms, Algorithmic Game Theory, Communication Complexity.

## Publications

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|---|---|
| 🔖 | **List of Publications** |
| 🔖 | **dblp** |
| 🔖 | **Google Scholar** |

## Teaching

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|---|---|---|
| | 🔖 | **Full list** |
| 2024 | 🔖 | **Communication Games**<br>Research project, Sirius. |
| | 🔖 | **Information Theory**<br>St. Petersburg University. |
| 2023 | 🔖 | **Parameterized Algorithms**<br>St. Petersburg University. |
| 2023, 2022 | 🔖 | **Inconsistent Planning**<br>Summer School, St. Petersburg University. |

# Teaching (continued)

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|---|---|---|
| 2023 | ▮ | **Greedy Conjecture in the Superstring problem**<br>Sirius. |
| | ▮ | **Mathematical Foundations of Algorithms**<br>St. Petersburg University. |
| 2022 – 2023 | ▮ | **Computer Science Seminar**<br>St. Petersburg University. |

# Research Visits

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| 2023 | ▮ | **Institute for Theoretical Computer Science, SUFE**<br>Shanghai, Host: Nick Gravin. |

# Miscellaneous Experience

## Talks and Posters

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| 2022 | ▮ | **AAAI 2022**<br>Poster Session, Online. |
| 2021 | ▮ | **SOFSEM 2021**<br>Conference, Online. |

## Reviewer

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| | ▮ | **ESA 2024**. |

## Student Schools

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|---|---|---|
| 2023 | ▮ | **EPIT 2023: Le Kaléidoscope de la Complexité**<br>Oleron Island, France. |
| 2021 | ▮ | **Computational Complexity Theory**<br>Sirius University, Sochi. |

## Awards and Achievements

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|---|---|---|
| 2024 – 2025 | ▮ | **Academic personnel reserve**, HSE University. |
| 2023 – 2024 | ▮ | **Bonus for Academic Work**, HSE University. |
| 2022 – 2023 | ▮ | **VK Scholarship**. |
| 2021 – 2022 | ▮ | **Winner** of "Competition of mathematical projects completed by young researchers"<br>Leonhard Euler International Mathematical Institute in Saint Petersburg. |
| 2020 – 2022 | ▮ | **Yandex Scholarship**. |
| 2018 – 2019 | ▮ | **Gazprom Neft Scholarship**. |
| | ▮ | **Prizewinner of several Olympiads in mathematics**. |

# Skills

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| Languages | ▮ | Russian, English (upper-intermediate). |
| Coding | ▮ | Python, SQL, LaTeX. |