

# Artem Ioselevskii

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## Career objective

Position Software Developer

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## Work experience 7 years 6 months

- June 2019 – present **Yandex**, *St.Petersburg, Software Developer.*
- Backend development in Yandex.Market (C++17, Python)
  - Web-services deployment and support
- January 2019 – May 2019 **JetBrains Research**, *St.Petersburg, Intern in the Mobile Robot Algorithms Laboratory.*
- Research and Development of the Self-Driving car problems (Python, CV) in **Duckietown** project, the winner of the **AI Driving Olympics II at ICRA 2019** (Canada, Montreal) as part of the **JetBrains Research team**
- August 2016 – September 2018 **Kronshtadt Technologies**, *St.Petersburg, System Engineer.*
- Development of the automatic ship motion control systems: Dynamic Positioning System, Autopilot, Integrated Bridge System
  - Developed the software for the test stands based on ICP-DAS controllers (C++11, Qt)
- January 2016 – August 2016 **ECICS**, *St.Petersburg, Software Engineer.*
- Development of the joystick motion control systems
  - Development of the algorithms and mathematical models of a ship motion
  - Developed the control algorithms for waterjets control system for a passenger ship (C/C++)
- September 2011 – July 2015 **Saint Petersburg Electrotechnical University "LETI"**, *St.Petersburg, Technical Engineer.*
- Development of mathematical models of the vessels movement
  - Development the software for the test stands (C/C++)

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## Higher education

- 2018 – present **Computer Science Center**, *Software Engineering, Data Science.*
- 2010 – 2016 **Peter the Great Saint Petersburg Polytechnic University**, *Institute of Applied Mathematics and Mechanics,*  
Master with distinction of Applied Mechanics,  
the winner of the Vladimir Potanin scholarship, participation in engineering competitions,  
specialized olympiads.
- 2015 **Lappeenranta University of Technology**, *Technomathematics.*  
Lappeenranta, Finland

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## Additional education

- 2018 – present **Stepik**, *Algorithms, C++ Programming, Discrete Mathematics (15 courses).*
- 2014 – present **Coursera**, *Machine Learning, C++ Programming, Latex (3 courses).*

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## Master thesis

2016 «Water Jet control system» – development of the waterjets control system for a passenger ship

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## Conferences

- 2016 Conference "Management in the maritime and aerospace systems" (UMAS-2016), the report "Algorithms for the distribution of stops in the positioning tasks of maritime mobile objects"
- 2015 XVII Conference of Young Scientists "Navigation and Motion Control", the report "Identification of parameters of a dynamic model of ship motion"
- 2012 XXXVIII All-Russian Conference "Controlling the movement of a ship and special underwater vehicles", the report "Determining the stops of the means of active MMO motion control"
- 2012 XIV Conference of Young Scientists "Navigation and Motion Control", the report "Determining the characteristics of active control tools in dynamic positioning tasks"

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## Key skills

C/C++, C++11/14, C++17, Python, git, SVN, MATLAB, Latex

Algorithms and data structures

Mathematical modeling

Data analysis

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## Additional information

Citizenship Russia

Languages russian – Native; english – Upper-Intermediate

Patents Software for sea waves modeling

Personal qualities analytical thinking, systems approach

Github <https://github.com/ioart>

LinkedIn <https://www.linkedin.com/in/artem-ioselevskii/>