

# MICHAEL ARISTARKHOV

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## PROFESSIONAL EXPERIENCE

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### **TIBCO Group**

*R&D Engineer, Core Data Persistence*

Nov 2020 - Now

*Paris, France*

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### **Independent technology consultant**

*Independent consultant and researcher*

Dec 2018 - Nov 2020

### **Amadeus IT Group SA (www.amadeus.com)**

*Software Engineer, then SDE - Technical Board Member*

Nov 2015 - Oct 2018

*Nice, France*

- Software Engineer for Amadeus
- Technology stack: C++14, Python, Couchbase, Oracle SQL Server
- Container is Docker, deployment with Kubernetes and OpenShift, continuous integration with Jenkins
- VCS is git (on Bitbucket), Project tracking is JIRA

### **Orange Labs (www.orange.com)**

*Research Engineer at Network Modeling Department – internship*

Apr 2014 - Dec 2014

*Paris, France*

- Implementation of customers mobility modeling framework
- Paper published: "On the probability of crossing the line in wireless networks", *M. Aristarkhov, C. Tanguy, ESREL 2015*

### **JetBrains, LLC (www.jetbrains.com)**

*Software Developer in R&D department – internship*

May 2013 - Sep 2013

*Saint-Petersburg, Russian Federation*

- Research and implementation of non-conservative garbage collection mechanism for C++

### **Interfax Ltd. (www.interfax.com)**

*Independent Research Consultant*

Apr 2010 - May 2012

*Moscow, Russian Federation*

- Developed mathematical model of Due Diligence Index for SPARK Interfax analytical system, received *For Excellence in Innovation* award (<https://interfax.com/newsroom/press-releases/1095/>)

## EDUCATION

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### **École Polytechnique (Paris, France)**

**Master**, Computer Science

*Dec 2014*

## TECHNOLOGIES AND TOOLS

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### **Programming Languages**

C++14, Python, Java, Haskell, Go, Rust

### **Favorite Scientific Applications**

Matlab, R

### **Favorite IDE**

IntelliJ IDEA

### **Experience with databases**

Microsoft SQL Server, Oracle, Couchbase, MongoDB