



# Mr Andrey Rodin

Software Developer

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- London, United Kingdom
- 6 November 1982
- Citizen of the UK and Russia
- Fluent in English and Russian

## Summary

My core qualification is server-side .Net/C#. At the same time, I have strong C++ background; Java, Web and GUI experience. I am educated in both Computer Science and Finance.

## Tech Skills

**.Net** (C#, server-side, WinForms)

**Java** (core)

**C++** (STL, C++/CLI)

**Web** (JavaScript, Angular)

**SQL** (T-SQL, PL/SQL)

## Financial Skills

**FX** (spot, options)

**Risk** (calculation, reporting)

**Credit Derivatives**

**Fixed Income**

**Equity**

## Objective

I am looking for the following assignment:

- Software developer in a financial, energy or insurance organisation.
- .Net, Java, C++ or a combination of them.
- Server-side development is preferred, nevertheless Web (JavaScript) or classic GUI is fine.
- Any business area with FX, equity or fixed income derivatives preference.
- Permanent or contract position in the UK (London), Switzerland (Zurich or Geneva), Hong Kong or Singapore. Open to interesting roles in Netherlands (Amsterdam), the USA (New York), the UAE (Dubai or Abu Dhabi), Japan (Tokyo), Australia (Sydney) or Russia (Moscow).
- Available in Oct-Nov 2018.

## Professional Experience

2011-now **Aventoo Limited** UK  
**IT Consultant, Director**

IT Consultancy company that specialises in providing services to companies operating in financial sector. The primary area of expertise is software development.

### Clients:

- **Credit Agricole**, electronic foreign exchange (eFX) trading.
- **Chicago Mercantile Exchange (CME)**, Elysian trading platform team.
- **Royal Bank of Scotland (RBS)**, Foreign Exchange Options (FXO) trading.

### Achievements:

- Took ownership and led integration of third-party FX options trading system with existing Credit Agricole single-dealer trading platform. This added FX options to the set of products offered by the bank to private clients in France and expected to increase bank's profit.
- Developed FX forward deals early termination solution at Credit Agricole. It allowed clients to get more flexibility while trading with the bank by an ability to early realise profit or loss from their positions.
- Created a solution for interest rate swaps portfolio optimisation at CME. End clients gained a functionality to reduce the number of positions they hold with the exchange and reduce overall transaction costs.
- Made several foreign exchange options products available for trading on RBS single-dealer trading platform. Those products placed the bank to the better competitive position in FX Options market.

### Technologies used:

- .Net: C#, multithreading, ASP.Net (MVC/WebApi), ADO.Net, WinForms.
- Java: core, multithreading, JDBC.
- C++: STL, multithreading, C++/CLI.
- Web: JavaScript, Angular, HTML5, Bootstrap.
- Databases: MS SQL Server, Oracle, KDB, MongoDB.
- Middleware: Solace, TIBCO JMS, Oracle Coherence.
- DevOps: Jenkins, TeamCity, Confluence, JIRA, YouTrack, Gerrit, Upsource, GIT, Perforce, Mercurial, Subversion.

## Professional Experience (continued)

- 2007-2010 **Deutsche Bank** **Russia**  
**Lead Software Developer, Assistant Vice President**
- Investment Banking IT division providing services to trading desks worldwide.
- Achievements:**
- Built a Moscow-based development team for the bank's Credit IT department.
  - Created an intraday risk, profit and loss (Risk & PnL) reporting system that allowed traders to see their risk profile immediately, without waiting for the end of the day. This enabled them to make more confident decisions during the trading day.
  - Made a few exotic credit products available for trading, what, in turn, helped the bank to extract profit from very specific client needs.
  - Established and managed quality assurance process.
- Technologies used:**
- .Net: C#, multithreading, .Net Remoting, ADO.Net, NHibernate, WinForms, WPF.
  - C++: STL, C++/CLI.
  - Excel/VBA.
  - Oracle Database.
  - Middleware: TIBCO JMS.
  - DevOps: Cruise Control.Net, Confluence, JIRA, Subversion, CVS.
- 2005-2007 **Sobinbank** **Russia**  
.Net (C#) Developer in a retail and corporate bank.
- 2002-2005 **Desnol Soft** **Russia**  
C++ Developer in an outsourcing company, part-time.

## Education

- 2008-2010 **CFA Institute** **USA**  
Passed all three levels of the Chartered Financial Analyst (CFA) Program, may be eligible for the CFA charter.
- 1999-2005 **Ryazan State Radio Engineering Academy** **Russia**  
Bachelor's degree in Computer Science.

## Certifications

- 2006 **Sun Certified Java Programmer (SCJP 5.0)**  
2005 **Microsoft Certified Solution Developer (MCSD.Net)**

## Hobbies

- **Travelling.** Visited around 100 countries and territories across the globe.
- **Self-Development.** Constantly improve my personal skills.
- **Aircraft Piloting.** In the middle of a private pilot license (PPL) course. Have 20 hours of air time with an instructor, about to make my first solo flight.
- **SkyDive.** Had a few jumps as a part of Accelerated Freefall (AFF) program. Plan to continue exploration of the sky.