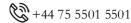
DISTINCTION M.SC. DEGREE IN COMPUTING SCIENCE DISTINCTION M.SC. DEGREE IN FINANCIAL ENGINEERING 8 YEARS OF PROFESSIONAL EXPERIENCE

MR IVAN AVANESSOV

IN LONDON SE9



Software Engineer well-versed in technologies, who is writing clean dry code and efficiently utilising existing tools Ambitious and continuously self-educating team player with passion for agile software development

PROFESSIONAL SKILLS (education, work, self-study)

■ VBA	■ Python	■ MySQL	■ C++	■ Java	■ Algorithms
■ OOP	■ Calculus/Math	■ Oracle	JavaScript	■ VMware	■ Linux
■ HTML5/CSS	■ Data Structures	■ Nginx	 Android Studio 	■ AWS	Asynchronous
■ Agile	■ IoT	■ Spring Boot	■ Web APIs	MS Office	Processes

EDUCATION

M.Sc. Computing Science Imperial College London (2015 - 2016)LONDON, UK

- Course average: 79.5 (Distinction)
- Thesis: Fault-Tolerant Control Systems for Nanosatellites in Low Earth Orbit (low-level memory manipulation, I2C etc.)
- Group Project: Wealth Management of Tomorrow (iOS application for RBC with front- and back-end)
- Databases, Robotics, Algorithms, OOP, Concurrency etc.
- Exposure to: C, C++, Swift 2.0, Python, Java, SQL, MatLab

M.Sc. Financial Birkbeck College LONDON, UK Engineering (2012 – 2014)

- Course average: 87 (Distinction)
- Thesis: Pricing European and Bermudan Swaptions: Hull-White and Black-Karasinski
- Mathematical Methods exam score 100
- Exposure to: C++, MatLab
- Econometrics, Risk, Pricing, Stochastic Calculus etc.

B.Sc. Economics and Finance (2007-2011)

Stockholm School of **Economics** RIGA, LATVIA

- Course average: 67.4 (2.1 Equivalent)
- Thesis: Automated Trading in the Context of the Baltic Stock Markets (in C++, HFT, Bollinger bands)
- Topics: Financial analysis, corporate finance, derivatives, accounting, statistics, research methods etc.
- Extensive amount of group work and teaching experience
- Exposure to: C++, MS Office, SPSS, STATA

B.Sc. Economics and Finance (2009)

State University-Higher **School of Economics** MOSCOW, RUSSIA

- Exchange student representing Stockholm School of Economics (full HESP Scholarship)
- Excellent results in all subjects

High School (A levels)

Ahtme Gymnasium **ESTONIA**

- Award winner in many competitions on state levels (sciences and languages), achievements in mathematics.
- Graduated with honours

Additional Qualifications

- CFA Level 2: Pass (2015)
- ACCA: Pass 6 exams (2011)

WORK EXPERIENCE

EBRD Associate Middle Office (Nov 2017 - present) LONDON, UK

- Substantial task optimisation and/or automation with Python and VBA (Excel, Bloomberg, Summit, Oracle SQL)
- In-house Market Data Repository maintenance, update and enhancement (MySQL, Oracle) and various data derivation
- Collaboration with Treasury, Quantitative Development and Quantitative Analytics teams
- Trade support

Analyst EPMU **EBRD** (Jan 2013 – Oct 2017) LONDON, UK

- Task optimisation and/or automation with VBA (Excel, Bloomberg, Outlook; Bank-wide projects)
- Representation of the team in all IT related issues
- Management, guidance and training junior team members
- Equity portfolio performance analysis (e.g. to the Board)
- Financial models' preparation and audit (e.g. DCF & DDM)

EBRD Senior Officer (Nov 2011 - Jan 2013) LONDON, UK

- Task optimisation and/or automation with VBA (Excel)
- Interpretation of convoluted legal documentation to assist Treasury teams with funding details
- Processing disbursements, rollovers, invoices and amendments in accordance to documentation
- Liaison with internal and external clients
- Management of defaulted loans

Finance Officer (Sep 2010 - Jul 2011)

Central School of English LONDON, UK

- Assistance with various IT queries within small team Other Employments and Internships:
- Eesti Energia (ESTONIA)
 - BIG Bank (ESTONIA)
- Swedbank (ESTONIA)
- GatewayBaltic (LATVIA)

LANGUAGES

- English: fluent, business, academic
- Russian: native, business
- Estonian: very good

OTHER INTERESTS

- Education
- Basketball
- Online courses
- Piano
- Technology
- Card magic