

VANYA YANEVA

Informatics Forum 4.23, 10 Crichton Street, EH8 9AB, Edinburgh, UK

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EDUCATION

University of Edinburgh

- PhD at the CDT in Pervasive Parallelism Sept 2015 - Aug 2019
Research topic: *Compiler-Assisted Parallel Testing on Heterogeneous Architectures* (expected)
Earned an **MSc by Research (with distinction)** in August 2016
- MSc in High Performance Computing (with distinction) Sept 2012 - Aug 2013
Masters Project: *Visual Parallel Programming*
- BSc in Computer Science and Mathematics (2:1) Sept 2008 - May 2012
Undergraduate Exchange at the **University of Chicago** Sept 2010 - June 2011

WORK EXPERIENCE

Excelian Ltd.

Technology Consultant

Oct 2013 - Aug 2015

London, UK

- Implemented features for an in-house trading application at UniCredit Bank, using C#, WPF, MVVM, including incorporating large existing codebases and legacy code.
- Performed numerous process management tasks, including administrating releases, tracking features and bugs and managing user accounts.
- Supervised one junior developer.

Ateeda Ltd.

Software Developer

Aug 2012 - Aug 2013

Edinburgh, UK

- Successfully ported a GUI intensive application from C# to Java and was responsible for the maintenance and extension of the produced application.
- Investigated particular sources of error in the CORDIC algorithm and produced a paper presenting my findings and making recommendations for techniques to reduce the impact of the errors.

TECHNICAL SKILLS

Parallel Programming

C, OpenCL (beginner), OpenMP, MPI

Object Oriented Programming

C++ (beginner), C#, WPF, MVVM, Java, Java Swing

Tools

Git, Vim, Clang LibTooling, L^AT_EX, Visual Studio, Eclipse

AWARDS

The Claire Jones Prize, *School of Informatics, University of Edinburgh*

Nov 2016

Awarded to the best performing female MSc student.

ICE Award, *Excelian Ltd.*

June 2014

Excelian's monthly employee award, received on the basis of outstanding feedback from UniCredit Bank.

Student Employee of the Year 2013 Off Campus Category

June 2013

National Association for Student Employment Services

Institutional Level Award - University of Edinburgh

High Performance Computing Scholarship

May 2012

School of Physics & Astronomy, University of Edinburgh