

# VANYA YANEVA

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

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### University of Edinburgh

- PhD at the CDT in Pervasive Parallelism Sept 2015 - Aug 2019  
Research topic: *Compiler-Assisted Parallel Testing* (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

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### 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

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### Parallel Programming

C, OpenCL (beginner), OpenMP, MPI

### Object Oriented Programming

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

### Tools

Git, Vim, Clang LibTooling, L<sup>A</sup>T<sub>E</sub>X, Visual Studio, Eclipse

## AWARDS

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**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*