

# 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  
(expected)  
Research topic: *Compiler-Assisted Parallel Testing Using GPUs*  
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.

*Analyst - Technical Consulting*

Oct 2013 - Aug 2015  
*London, UK*

- Implemented features for an in-house trading application at UniCredit Bank, using C#, WPF, MVVM, working on large existing codebases and legacy code.
- Performed numerous process management tasks, including administrating releases, tracking features and bugs and managing user accounts.
- Responsible for the supervision of 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

### Mobile App Development

Android (beginner)

### 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

Nov 2016

Awarded for being the best performing female MSc student.

*School of Informatics, University of Edinburgh*

### ICE Award

June 2014

Excelian's monthly award for distinguished employees, received on the basis of outstanding feedback for work at UniCredit.

*Excelian Ltd.*

**Student Employee of the Year 2013 Off Campus Category**

June 2013

Institutional Level Award - University of Edinburgh

*National Association for Student Employment Services*

**High Performance Computing Scholarship**

May 2012

*School of Physics & Astronomy, University of Edinburgh*