

# Mihai Visuian

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## EDUCATION

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### The University of Edinburgh

Edinburgh, UK, 2014 - Present

Software Engineering (BEng Hons) 2<sup>nd</sup> Year

Graduation date: June 2018

- Second Year Representative of Computer Science Society at the University of Edinburgh
- Relevant coursework:
  - **First Year:** Computation and Logic, Functional Programming, Introduction to Linear Algebra, Object Oriented Programming, Data and Analysis, Calculus and its Applications, Proofs and Problem Solving, Cognitive Science;
  - **Second Year:** Processing Formal and Natural Languages, Introduction to Computer Systems, Introduction to Software Engineering, Discrete Mathematics and Mathematical Reasoning, Algorithms and Data Structures, Reasoning and Agents, Probability with Applications;

### “Liviu Rebreanu” National College

Bistrita, Romania, 2010-2014

Finished High School as **Valedictorian**

Graduation date: May 2014

- **Overall achieved grade: 9.96/10**
- Romanian Baccalaureate: 9.45/10

## WORK, LEADERSHIP AND VOLUNTARY EXPERIENCE

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### Mappingbook Ltd Internship

Edinburgh, UK

Software Engineer

18 May 2015 - Present

- Obtained a full-time software engineering summer internship at Mappingbook Ltd after finishing first year. At the moment, I have been working part-time after second academic year started, as my contract has been renewed.
- Attended a training course organised by the company in Stirling, UK, on the 4th of June, 2015 and obtained a certificate that proves enhanced skills in database management using PostgreSQL and PostGIS
- Built intensive, complex web projects for the European Commission from Brussels by contributing to both front-end and back-end development of softwares and reached all targets and deadlines set by the company successfully.
- Developed and improved strong skills in:
  - Data Analysis and database management using PostgreSQL and PostGIS
  - Django and REST frameworks, along with Python programming language
  - Javascript, jQuery, OpenLayers API, HTML5, CSS3, LESS, Bootstrap, Grunt
  - Git, Atlassian Stash, Apache2 Server

### Functional Programming Fractals Competition 1<sup>st</sup> Year

Edinburgh, UK

Competitor (Ref: <http://goo.gl/3EszWg>)

November 2014

- Third prize - Developed a Buddhabrot Fractal from scratch using Haskell and OpenGL library

## Physics, Mathematics and Computer Science Competitions

Romania

Competitor

2010-2014

- Significant number of prizes in Mathematics, Physics and Computer Science Contests at Regional and National level, finalist, awarded and medalled in the National Olympiad of Informatics and other various national competitions. Most important results obtained in some of these competitions are: **Bronze Medal at the National Olympiad of Informatics (C/C++)**, **Finalist at the National Olympiad of Mathematics**, **Finalist at the National Olympiad of Physics**, placed top three in numerous Regional contests in Mathematics, Informatics and Physics.

## Former Member of Infoarena.ro programming platform

Romania

Competitor and Helper (Ref: <http://goo.gl/hG3Rsg>)

2012-2014

- Part of the team of the biggest Romanian online programming platform no which there are organised some of the highest rated Romanian Informatics (C/C++) contests involving advanced Algorithms and Data Structures

## “TheMissingLink” Web development contests

Romania

Competitor and Project Team Leader

May and October 2012, October 2013

- Leader of the winning team of a web development contest organised by a Romanian software company three times consecutively, our projects and features being then used in prospective software products released by the firm.

## Red Cross Foundation

Romania

Volunteer (promoted public health and first-aid awareness)

2010-2012

## SKILLS & INTERESTS

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- Technical skills: Haskell, C/C++, C#, Python (Flask, Django), Ruby (Sinatra, Rails), Java, HTML (HTML 5), CSS (CSS3), PHP, Javascript (OpenLayers, jQuery, AngularJS, Grunt), Bootstrap, PostgreSQL, PostGIS, Git.
- Languages: native Romanian, fluent English, conversational French.
- Hobbies and Interests: Personal Development, Volunteering, Informal Learning, skiing, football, mountaineering, coding.

## REFERENCES & OTHER LINKS

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- University of Edinburgh Personal Tutor: Professor Perdita Stevens ([perdita@inf.ed.ac.uk](mailto:perdita@inf.ed.ac.uk))
- Mappingbook Ltd CEO: Dr. Julie Tolmie ([julie.tolmie@mappingbook.eu](mailto:julie.tolmie@mappingbook.eu))
- Links:
  - GitHub profile: <http://goo.gl/S9uC3U>
  - LinkedIn profile: <https://goo.gl/SPknIY>

**OTHER REFERENCES AVAILABLE UPON REQUEST**