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Professional Experience

2015 - *2016* Code ComputerLove - Software Developer:

Part of team of the year 2015 in Code, I've been a valuable asset for the company since day one.

- **Continuous Integration:** Improved pipeline with Teamcity, Octopus and Jenkins by setting up new environments and hooking up to a statistics framework.

2013 - 2014 Industrial Placement - CIVICA - Software Developer:

Put in practice the techniques taught at University to quickly grasp the technologies the company used and made myself a real asset for the team.

- **CIVICA best team nomination:** The team I was working in came second place at best team awards in the company and I would like to think I played an important role in this.

- **Skills and knowledge acquired:** C# and OracleSQL and other specific Microsoft technologies: WCF, EntityFramework, ServiceBus, WPF, Scrum, Agile methodology, pair programming.

Education

2011 - 2015 The University of Manchester

BSc (Hons) Computer Science with Industrial Experience

Degree result 2:1   Overall results: 63%

- Developed an excellent IT foundation by combining the skills and knowledge taught at University with practical experience.

- Regularly worked in small size teams to plan, design and develop projects, employing agile and pair programming techniques.

- Enhanced my algorithmic thinking through participation in challenging events and competitions.

- Progressed my ability to view a problem through different perspectives and the skill to combine them in order to produce a solution that will benefit all the involved parties.

Notable courses and themes:

- Advanced Algorithms
- Software Engineering and Patterns
- Computer Architecture
- Computer Networks
- Computer Graphics and Image Processing
- Databases
- Human Computer Interaction
- Logic and Modelling, Verified Development
- Documents and the Web
- Distributed Systems and Mobile Systems

Manchester Ultimate Programming and achievement:

> Conducted weekly presentations throughout the year and organised one 24 hour hackathon. I've managed to put my networking skills into practice to acquire sponsorship for prizes and catering.

- **Most Innovative technical approach award:** Awarded at the "Open Source Hackathon". Teamed with a PhD student to create a project called "Group My contacts". I suggested using pair programming with the Cloud9 IDE and git on the separate tasks. Analysed various issues that arose when trying to bind the work together and quickly pinpointed them out and devised a common solution.

- **Leadership:** Through hard work and dedication I worked my way up the hierarchy of the society and became the chairman of it. I managed to boost the events turnout and the attendance number had doubled by the end of the year.

Voluntary work

Helping others has always been in my nature so I became both a PASS Leader and a Student Helper.

- **PASS Leader:** Pear assisted study sessions is a student support scheme where new students have the opportunity to interact with their peers. I acted as a facilitator and a mentor to my group steering them in the right directions, helping them find the right resources and develop the ability to overcome problems.

- **Student Helper:** Represented and presented the University in a real and positive view to both students interested in higher education and their parents.

The outcome was a big bonus for me as both activities shaped me into a better person, an empathetic person, able to relate and help others with their issues.

Skills

IT **Programming Languages:** C#, Python, Java, C, HTML, Assembly, OracleSQL, MySQL, Ruby, PHP.

Applications and Frameworks: .NET, Visual Studio, PyCharm, VSphere, Umbraco, ASP.NET MVC, IIS, Teamcity, Octopus, Jenkins, Redis, ElasticSearch, Azure, Amazon AWS, Heroku, Cloud9, Git, Automapper, AC3D, Latex, Office, Play Framework, Eclipse, Netbeans, VMWare, OpenGL.

Servers and Networking: Experience in virtual machine and server maintenance or setup in both Windows servers and Linux environments.

Linux environment: Became very familiar with UNIX operating systems by tackling different advanced topics: virtualisation, caching, penetration testing, client-server architectures.

Languages **Romanian:** native.

English: IELTS 7.0

French: basic conversational level.

Driving Full clean driving licence.

Hobbies Swimming, dancing, gaming, skiing, reading.

Achievements

- **Finalist HackManchester 2015** - http://www.codecomputerlove.com/blog/2015/10/finalists-at-hack-manchester-2015/

- **NCC Group University challenge first prize** - penetration testing challenge.