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**Email:** 09mejohn@gmail.com

**Nationality:** British

**DOB:** 24/04/1994

Melvin Reji John

4 Vanbrugh Gardens

Gaer

Newport

NP203LG

**Education**

(2012 - Present) **Cardiff School of Computer Science & Informatics**

**BSC Software Engineering (Expected: First Class)**

Computational Thinking, Web Applications, Problem Solving With Python, Professional Skills Developing Quality Software, Fundamentals of Computing With Java, Architecture and Operating System, Human Computer Interaction, Database Systems, Object Orientated Applications, Advance Programming, System and Software Management, System Design and Group Project, Communication Networks and Pervasive Computing, Algorithms and Data Structures, Large-Scale Database, Knowledge Management, Software Engineering Project.

(2010-2012) **St Joseph's RC High School**

**4 A-Levels:** Maths(A), Technology(B), Computing(B), Physics(C)

(2006-2010) **Duffryn High School**

**9 GCSEs Including:** Maths, Advanced ICT, Separate Science and English

**Work Experiences**

2011 **PC Planet- Assistant**

440 Corporation Road, Newport, NP19 0GG

* Developed a strong passion to work in the hardware side of this business
* Opportunity to deepen my knowledge on certain software used in computer repair also to grasp some of the day to day aspects of operating a technology concern.
* Gained Experience into financial implications of and constrains on running a small business

2009 **Newport Medieval Ship Project-Assistant**

Maesglas Industrial Estate, Newport, Gwent, NP20 2NN

* Gained knowledge and understanding of a medieval ship found at the bottom of a lake
* Allocated tasks to check the ph levels of the solution the ship part were preserved in.
* Worked well in small team under considerable pressure maintaining a high degree of accuracy.

**Employment**

2012- Since **Crew Member -McDonalds**

35 High St, Town Centre, Newport NP20 1GF, Tel: 01633 244947

* Kitchen and Till Assistant
* Time management skill gained through the workplace being fast paces in high volume
* Excellent team working skill during cooking and cleaning
* Established good customer relations
* Ensured quality control
* Logged delivery of frozen food

2008-2012 **Teacher-Kumon UK**

* 4 year job as a teacher at Kumon tuition centre
* Teach and help students Mathematics and English
* Working with Students of Age in range 6 to 16

Developed excellent communication skills such as an ability to understand the behaviour of a student and dealing according to, communicate to student's parent and dealing with question that require an immediate response.

Built time management and organising skills through completing and organising tasks set by the management.

**Relevant Skills**

**Problem Solving Skill** - a systematic and determined approach to problem solving, developed whilst developing the decentralised communication system.

**Teamwork** **Skill**- played valuable role as a team member and a team leader during several software projects in my degree. Worked efficiently with crew member at workplace.

**Programming Skills** - HTML, PHP, CSS, XML, XHTML, Python, C, C++, CUDA, SQL, NOSQL, SPARQL and Java

**Communication Skills** - Demonstrated oral and written communication skills during projects and extracurricular activities.

**Interest/Achievements**

2014 **Secure, Decentralised Communication System, Agile development**

* Developed easy to use communication system with end to end encryption
* Exchange key using stereography and partial decentralization using Tor.
* Used a hybrid approach to development including SCRUM and XP

2013 **Detailed Run time analysis of Insertion Sort and Counting Sort**

* Very high quality experimental work
* Excellent understanding and very well written report, nothing omitted + originality or scholarship

2012-2014 **Programming Skills**

* HTML, PHP, CSS, XML, XHTML, Python, C, C++, CUDA, SQL, NOSQL, SPARQL and Java

2011 **Engineering Education scheme Wales Award**-**Company: Solutia Ltd**

* Developing the skills of problem solving
* Team work and presentation by a solutions that was considered as a business case

2011 **Air Cadet: 2 hours of flying Group Tutor and Vigilant**

* Learned discipline, navigational skills, attendance, flying skills and shooting skills

2010 **Duke of Edinburgh Bronze Award**

* Selected to be the team leader for navigation and group organization
* Involved problem solving and developing a sense of responsibility

**Referees**

Professor D.W. Walker Dave Savage

Computer Science & Informatics McDonald's - Newport  
Cardiff University 35 High Street  
Queen's Buildings Newport  
5 The Parade, Roat Gwent  
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Personal Tutor Business Manager