

Amir Fakeeh

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Education & Qualifications

The University of Cambridge, Clare Hall, UK

- PhD in the Materials Chemistry Group Starting April 2014
- MPhil in Micro- and Nanotechnology Enterprise October 2012 – August 2013
- Courses studied: Nanomaterials; Electrochemistry; Characterisation Techniques; Quantum Physics; Science and Communication in Media, Business and Research; Societal and Ethical Dimensions; Management of Technology and Innovation.
- Master's thesis (*Achieved Distinction*): "Carbon Nanomaterials in Metal Industry" – examines the current state of the carbon nanomaterials market, review of patents, further commercialisation routes for application in automotive wiring, copper and aluminium industries. Project entitles maintaining professional links with the innovation-consulting firm Cambridge Nanomaterials Technology ltd., with the research consequently being used for commercial purposes.

Imperial College London, UK

October 2009 – June 2012

BEng & ARSM Materials Science and Engineering (1st Class Honours)

- Courses studied: Biomaterials, Business Strategy, Ceramics and Glasses, Economics, Optoelectronics, Materials Characterisation, Materials Chemistry, Mathematics, Mechanics, Metallurgy, Modelling and Project Management.
- Major projects:
 - 3rd year group design study of a tablet computer. Project entitled production of the technical report on the usage of electronic components and their operation principles together with a business plan covering commercialisation strategy. Innovative feature of the product is hybrid capacitive-resistive touch screen.
 - 3rd year individual literature review assignment on the topic of "Magnetic Logic and Quantum Computation in Solid- State Systems"
- Attended Imperial Business School master-class programme on Leadership, Finance, Economics and Entrepreneurship.

Harvard University, Cambridge (MA), US

June 2011 – August 2011

Studied two summer courses in:

- Semiconductor Device Physics with Application to Chip Design and Manufacturing (grade A);
- Cross-Border Innovation (grade A-).

University of Jordan, Amman, Jordan

June 2010 – August 2010

Studied level two Arabic for the speakers of other languages and achieved grade A (92%).

Woking College, Woking, UK

September 2007 – July 2009

- A-Level: Mathematics (A), Physics (A), Further Maths (B), Russian (A);
- AS-Level: Business Studies (A).

Work Experience

"Cambridge Nanomaterials Technology Ltd", Cambridge, UK

May 2013 – Present

- Appointed as a Nanotechnology Innovation Consultant, with an expertise in carbon nanomaterials. Engage with customers on delivering the world-class solutions for development of nanomaterials based products. Advice companies and academic institutions on the R&D, IP strategies. Support management of collaborative R&D projects, including EU FP7 consortium building, proposal preparation and project management.

Moldo-Jordanian joint-venture "Amir ltd", Chisinau, Moldova and Amman, Jordan

June 2012 – September 2012

- Appointed as the assistant to CIO on the purchase of the waffle cone production equipment for the ice-cream business of the firm. Participated in the negotiations with the suppliers, ensured the best deal package and supervised installation.
- Travelled to Munich to negotiate the certification mistakes made by the supplier's Eastern European office, which lately caused delays in gas licensing and 70% cost increase due the import of waffle cones for the demand satisfaction. Achieved a substantial refund with the removal of installation costs, and warranty extension by 1 year.

- Undertaken research of the tourism and hotel sector of the CIS countries and advised the CIO on the real market value of the hotel businesses on offer in the Rep. of Moldova. This led to the conclusion that the market was experiencing overpricing due to the brief stabilisation of the internal political situation and the promising trade agreements with the EU.
- Participated in the collaboration with the Jordanian sub-company "Sartaba" on the acquisition of the "Nujum" hotel in Amman, Jordan. Presented the experience and key issues of the Moldovan market.

Imperial College Business School, London, UK

November 2010

Worked as a coordinator and translator for the nano-technological forum between Imperial College London and Kazan State Technological University on the topics of "Organic Solvent Nano-filtration" and "Application of Micro-fluidic Systems". Provided the synchronised technical translation of the presentations and mediated in the negotiations of collaboration. Guided the delegation of leading Russian scientists.

Achievements

- UK Senior Mathematical Challenge 2008 – Silver Certificate (2008).
- The Enterprise and Marketing Challenge in Royal Holloway, University of London – 3rd place (2008).
- Surrey Schools Problem Solving Challenge – won 1st round, reached the final (2008).
- CV2012 volunteering award by Careers Advisory, Outreach Office and Sport Imperial for the recognition of contribution to the Imperial College Union (2012).
- Community Sports Leaders Level 2 Award by Sport Leaders UK (2012).
- Engineering and Physical Sciences Research Council (EPSRC) Scholarship – was selected on the basis of academic merit to receive a fully funded PhD studentship (2013).

Skills

IT: Windows, Mac OS, MS Office, Pro/Engineer, Thermo-Calc, MATLAB (basic)

Languages: Russian (mother tongue); English (fluent); Romanian (fluent); Arabic (fluent in spoken, upper-intermediate in written); Italian (upper-intermediate); Swedish (basic).

Full clean EU driving licence.

First Aid Certificate: Basic Life Support with Marlin Training (awarded on 15/02/2012; valid for 3 years).

Positions of Responsibility

Mentor in the Buddy Scheme run by the Association of Moldovans in the UK

Starting January 2014

- Encouraging cooperation within the community by helping the new coming students from Moldova to settle in the UK and by advising them on the academic, professional and personal welfare issues.

President of the Imperial College Arabic Society

July 2011 – June 2012

- Managed the committee that consisted of ten people by motivating the team, planning the activities with consideration to funds, identifying the demands of the society members and delegating the tasks.
- Built and reformed a strong committee team. Took the society out of debt of (£1600) through attaining sponsorships and participating in Union organised competitions. Initiated the development of the new website. Established links with similar societies across London.

Hall Senior at Orient House, Imperial College

September 2010 – June 2011

- Organised and arranged communal events, assisted in events budgeting, ensured students welfare.

Interests and Hobbies

- Acting – played a role in the movie "Good Morning Kabul", which depicts a story of 3 competing journalist crews in Afghanistan.
- Volunteering for the Arab Innovation Network – an initiative aimed at bridging the industry and academia in the Middle East and North Africa. Part of the Outreach team.
- Clare Hall Rowing Club – training with the college 8x team. Competed against other Cambridge colleges.
- Imperial College Investment club – attended weekly meetings and made profitable trading proposals.
- Imperial College Water Polo – was member of the university 1st team; competed on the national level.
- On stage performer – leading character in the UK version of the KVN (international show in Russian) comedy competition.
- Socio-political – interested in societies of the developing countries and the issues surrounding inefficient governing, human rights etc. Participated as a Moldovan ambassador in the "One Young World" summit in 2009 for the new generation of leaders, where were signed resolutions aimed at G20 state members.