

Curriculum Vitae

Charalambos Andrew Georgiou

Date and place of Birth, Marital Status:

13/04/1984, Edmonton, London, UK, Single

Affiliation and Official Address:

Institute of Advanced Materials,
Physicochemical Processes, Nanotechnology
and Microsystems, NCSR DEMOKRITOS

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Education

National Centre for Scientific Research Demokritos (NCSR) (Athens, Greece)
enrolled as PhD student at Athens Polytechnic, Marie Curie Fellowship-ITN
network- DESTINY May 2013-present

<http://www.destiny-itn.eu>

- PhD on Perovskite Solar Cells
- PhD training: Chemical Synthesis, Solar Cell Fabrication, Principles of Photovoltaics, Statistical and data analysis

Cranfield University (Bedfordshire, UK) MSc by research, 2010-2011

- Thesis on "Thermal Performance of a Multi-Axis Smoothing Cell"
- Training via modules- Metrology, Precision Engineering

Queen Mary University of London, M.Sci. Physics (Hon. 2.2) 2003-2007

- 4th year Independent Project- The physics of Black hole (2.1)
- 3rd Year Review Project Nuclear fusion and fusion power (2.1)

Queen Mary University of London (2.1) 2002-2003

- Science and Engineering Foundation Programme

Edmonton County School 2000-2002

- **3 A levels** – Physics, Music, Mathematics
- **1 AS level** – Chemistry

Work Experience

01.2010– 04.2013. Personal assistant to employer who has severe autism.

Key Responsibilities:

- Ensure safety and security, their personal worth.
- Daily supervision
- Encouraging communication
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- **Working towards improving employers condition**
- **01.2012 – 02.2012 Street Fundraiser, representing WWF**

Key Responsibilities:

- Generate income for the charity by persuading members of the public to donate via a text message

Targets achieved:

- Contributed to the campaign by generating a lump of income which added to the total aim target

08.10.2009 – 08.01.2010 Research Assistant at NHS Guys & St. Thomas Trust

Key Responsibilities:

- Assisted in calibrating UV treatment facilities
- Assisted in producing MATLAB code for analysing information for research project
- Assisted with blood pressure monitor validation
- Gave a review presentation on the subject of research, haemodynamics and the cardiac cycle

05.01.2009 – 06.02.2009 Research Assistant at Department of Mechanical Engineering & Materials Science QMUL

Took proactive action in SCORE project, which aims at improving quality of life in developing countries. Find materials that would meet the required specification adapting to changes in

Key Responsibilities:

- Responsible for finding materials that would meet design requirements
- Negotiating with targeted suppliers of ceramics and metals
- Assessing material suitability for the project to make sure that low cost materials are sourced in order to meet the project requirements

Extracurricular activities: GOYGB Camp, Youth Leader 2007-2012

Other Interests: Astronomy, Physics, Science and Engineering, Neuroscience, & Autism, Byzantine Chant working towards a diploma, working with youth