

A. PERSONAL INFORMATION

- First name:** Vasileios
- Last name:** Akrivos
- Date of Birth:** 21/3/1987
- Nationality:** Greek
- Address:** 2 Hope Road/ Anson Road, Manchester, United Kingdom
- Marital Status:** Single
- Email:** baselakri@hotmail.com
- Telephone:** +44(0)759 3645106

B. EDUCATION

Secondary Education: 1st High School, Volos, Greece, 1998-2004, Grade: **17.5/20**

Higher Education:

1. Master's Degree In Advanced Engineering Materials, Faculty of Engineering and Physical Sciences, School of Materials, University of Manchester, (2012-2013)

I am currently studying for a Master's in Advanced Engineering Materials at the University of Manchester. Courses include: Material Science (**74/100**); Industrial Processing of Materials (**69/100**); Materials Performance/Life Cycle Design (**63/100**); High Performance Alloys (**68/100**); Engineering Design and Communication; Advanced Analytical Techniques.

The dissertation topic I have been assigned to do is: '**Crystallographic Properties of Graphene and Graphene – BN Heterostructures**'

2. Bachelor in Engineering. University of Ioannina, School of Sciences and Technologies, Department of Materials, Science and Engineering (2004-2011), Grade: **6.49/10**

During my studies, I followed the following main topics:

a) Building and Industrial Materials

This examined metals, ceramics, concrete and composite materials.

b) Functional Materials:

This examined polymers (plastics, petrochemicals, lubricants, rubber, coatings, paint) and biomedical applications.

c) Electronic Materials:

This includes semi-conductive, magnetic and superconductive solar cells, semiconductor laser, light-emitting diodes and magnetic discs.

The Department of Materials Science and Engineering in Ioannina, is the **only** Materials Department in Greece offering a **five year study programme** which also includes a six-month dissertation in final year.

DISSERTATION

My final year dissertation was in the area of **Electronic Materials**, where I obtained the mark 10/10.

Title: Colour Display Sensors for Organic Contamination. Bare-eye view at the nanoscale: a new Visual Interferometric Multi-Indicator (VIMI)

The topic of my dissertation was to research, through color resolution, the optical properties of DLC thin films that were deposited in the laboratory of the Mechanical Electronic Materials and Computational Materials Science, University of Ioannina. The obtained samples were studied using the optical properties by the method of Optical Reflectance Spectroscopy. The main aim was to examine the color display of the samples by LED radiation. Using the experimental setup VIMI as a sensory organ, we examined film thickness and surface dissimilarities with the naked eye. Finally, we selected a representative sample and exposed it to organic vapors in order to demonstrate changes in reflectivity, related with organic contamination, by naked eye and through RGB analysis.

3. Knowledge of Languages:

Greek: native

English: Certificate, University of Michigan and Cambridge (2004)
Proficiency in English, University of Michigan (2008)

German: Survival Level (3 years of studies)

C. JOB EXPERIENCE

1. Assistant in production department at MOSHALIS S.A. www.moshalis.gr
industrial steel structures (June –September, 2008)

Job description: Laser cutting for various materials such as stainless steel, iron, copper, bronze, titanium, aluminium, plexiglass, with great accuracy and very good quality. Using water jet cutting technology for a bigger variety of materials such as stainless iron, plexiglass, marble, granite, plastic, alucobond, wood, glass, stone, copper and more.

2. Assistant in the design department at MOSHALIS S.A. www.moshalis.gr
industrial steel structures (July-August 2011)

Job description: using AUTOCAD and COREL DRAW to design the desired dimensions of the steel structures

D. HOBBIES

Football, Swimming, Basketball, Film, Music, Travel.