

Hayk Khachatryan

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Second year UCL Theoretical Physics student (1st expected); Self taught intermediate programmer (Python, Mathematica);
Freelance Web Developer; Representative for 200 Physics students

EDUCATION

Theoretical Physics at [University College London](#) 2016-09 — 2019-06

Achieved a grade of 75% in my first year.

- Practical Mathematics and Computing (Python and Mathematica): 84%
- Mathematical Methods II: 91%
- Developing Effective Communication I & II: 68% & 69%

EMPLOYMENT

Freelance Web Development 2015-01 — Present

Developed full stack, responsive websites for my clients.

- JekyllNow, Wordpress
- Bootstrap, Polymer
- LAMP stacks

HTML 5 - CSS3 / SASS - Handlebars - JS - PHP

Sales Account Manager at **OptionRally** in Limassol, Cyprus 2016-03 — 2016-05

Addressed clients issues with their finances and resolved their concerns with investments. Improved my communication skills through the high pressure environment of finance sales.

CRM - Windows - VOIP - Communication

Independent Social Media Consultant 2015-02 — 2015-08

Launched social media presences and designed advertising campaigns that increased my clients' following by over 60%.

Facebook - Instagram

IT Assistant at **ZIGZAG** in Yerevan, Armenia 2013-07 — 2013-07

Diagnosed and troubleshooted networking and technical issues at the IT department of an office of 50 employees.

Problem solving - Logical thinking

Intern Mechanic at **Vitesse** in Yerevan, Armenia 2011-07 — 2011-07

Repaired and serviced ATVs, jetskis, and snowmobiles at the mechanical department of the BRP Service Center.

Problem solving

PROJECTS

Systems Engineer and Liaison Officer at **Intergrated Engineering Challenge #2: Global Health** 2015-11 — 2015-12

A university project where a multi-disciplinary team of specialist engineers formulate, design and verify an effective strategy for the production and distribution (and monitoring) of a vaccine to combat a Tuberculosis Pandemic in Sub Saharan Africa.

- Designed and developed a control system for the temperature, pH, and stirring of a bio-reactor.
- Developed in C and Processing on a Launchpad microprocessor.
- Liaised with engineers from other disciplines on specifications and requirements.

C - Processing - Communication - Leadership

SPEAKING

Delegate of Iran at **Mediterranean Model United Nations** in Nicosia, CY 2015-02

A simulation of the United Nations, done by students from various schools as they discuss and try to find solutions to current world problems.

- Debated and discussed issues in a formal UN-like setting.
- Created resolutions to be debated.

Communication - Debating - Public speaking - Research

Member of Medical Ethics committee at **Youth Voice** in Nicosia, CY 2014-04

An annual weekend conference where young people between the ages of 15-19 from schools convene to discuss and express themselves on current affairs.

- Debated and discussed various ethical issues in the medical field.

Communication - Debating - Public speaking - Research

Speaker at **Science Rocks** in Limassol, CY 2013-03

'Does anything touch?'

- Gave a speech on how no particles ever really touch as a consequence of the electromagnetic force.

Communication - Debating - Public speaking

SERVICE

Technical Consultant at **Limassol Phoenician Leo's Charity Club** 2014-09 — 2015-07

Helped raise €5365 over two charity events (October - December 2014)

- Social media management
- Graphic design

Facebook - Photoshop - Delegation - Communication

SKILLS

Web (intermediate)	HTML 5 CSS 3 / SASS Polymer Google Analytics
Programming (intermediate)	Python Mathematica Git CodeKit Unix
Programming (beginner)	Java C Haskell npm JSON Javascript
Cloud (intermediate)	DigitalOcean
Software (advanced)	Photoshop Lightroom Final Cut Pro spreadsheets
Languages (native)	English Armenian