# 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

#### **FDUCATION**

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%

### **FMPI OYMENT**

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 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

# 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