

# Hayk Khachatryan

Software Engineer

## ABOUT

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

## CONTACT

Website	hayk.io
Email	hi@hayk.io
Phone	+44 (0) 7555 724 204
Based in	London, United Kingdom
GitHub	haykkh

## EDUCATION

2016-09 TILL 2019-06

### Theoretical Physics BSc at University College London:

Achieved a grade of 75% in my first year

- Practical Mathematics and Computing (Python and Mathematica): 84%
- Mathematical Methods II: 91%

## WORK EXPERIENCE

2016-03 TILL 2016-05

### Sales Account Manager at OptionRally:

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

2015-02 TILL 2015-08

### Independant Social Media Consultant:

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

2015-01 TILL TODAY

### Freelance Web Developer:

Developed full stack, responsive websites for my clients.

- JekyllNow, Wordpress
- Bootstrap, Polymer
- LAMP stacks

2013-07 TILL 2013-07

### IT Assistant at ZIGZAG:

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

2011-07 TILL 2011-07

### Intern Mechanic at Vitesse:

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

## SKILLS

**Web Development** (Intermediate): HTML5, CSS3/SASS, Javascript, Polymer  
**Programming** (Intermediate): Python, Mathematica, Haskell, Git, npm, Unix, JSON  
**Software** (Advanced): Photoshop, Lightroom, Final Cut Pro, spreadsheets

PROJECTS

2015-10 TILL 2015-11

Systems Engineer and Liaison Officer at Intergrated Engineering Challenge #2: Global Health:

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.

2015-09 TILL TODAY

Creator at Analog Affairs:

My analog photography portfolio.

Creator at domain.er:

Developed a small tool to find possible domains that utilize the tld as part of the name.

LANGUAGES

English	Native speaker
Armenian	Native speaker
Greek	Fluent