



# Vagharshak Hakobyan

**Date of birth:** 11/04/1998 | **Nationality:** Armenian | **Gender:** Male |

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## WORK EXPERIENCE

Talence, France

**PHD STUDENT** AT CNRS, LOMA, UNIVERSITY OF BORDEAUX

01/04/2021 – CURRENT Yerevan, Armenia

**RESEARCH ENGINEER** AT YEA ENGINEERING

23/10/2017 – 31/08/2019 Yerevan, Armenia

**RESEARCH ASSISTANT** AT IAPP ( INSTITUTE OF APPLIED PROBLEMS OF PHYSICS)

## EDUCATION AND TRAINING

01/10/2019 Dijon, France

**MASTER** UBFC (University of Bourgogne Franche-Comte)

**Field of study** Physics, Photonics and Nanotechnology (PPN)

29/05/2019 Yerevan, Armenia

**BACHELOR OF SCIENCE IN PHYSICS** Yerevan State University

## LANGUAGE SKILLS

Mother tongue(s): **ARMENIAN**

Other language(s): **ENGLISH - B2, RUSSIAN - B1, FRENCH - B1**

## ADDITIONAL INFORMATION

### PUBLICATIONS

**Volume Expansion Mechanism of Laser-Induced Hydrodynamic Reorientation**

Journal of Contemporary Physics (Известия, Armenian Academy of Sciences), 2021 Volume 56, Issue 3.

DOI: 10.3103/S1068337221030026

### NETWORKS AND MEMBERSHIPS

**Membership** Member (President 2019-2020) of The International Society for Optics and Photonics (SPIE) (<https://spie.org/>) YSU Chapter (2017-2020).

Member of the YSU Physics Faculty Student Scientific Society (SSS) (2016-2019).

**StartUp** Together with my friends we launched the "Plasma Physics and Technologies (PPT)" startup and designed a commercial ozone generator for air and water purification.

### PROGRAMMING SKILLS

**Matlab**

**Basic knowledge of** C++, Octave, Wolfram Mathematica, LabView, COMSOL Multiphysics