

Curriculum Vitae

Contact information

Name: Andrej Farkaš
Email: andrej.farkas1@gmail.com
Year of birth: 1996

Education

High school: Gymnázium sv. Moniky v Prešove, Slovakia
Attended: 2011-2015

University: Charles University in Prague, Czech Republic
Faculty: Faculty of Mathematics and Physics
Subject: Physics
Bachelor degree
Attended: 2015-2019

Subject: Optics and optoelectronics
Masters candidate
Attended: 2019-

Scientific projects

- 2017 - Installation and testing of read-out electronics for NA62 experiment at CERN
Characterization of optical parametric oscillator in laboratory of opto-spintronics
- 2018 - Control system for small hydrogen cell (30W) intended for educational purposes
- 2018- Photonics summer camp 2018 – KAUST, Saudi Arabia
- 2019- Optics and photonics 2019 – SPIE conference in San Diego
- 2020- Optical switching in a single-layer antiferromagnetic memory

Employment history

- 2012- 2015 Sound engineer in Slovak Catholic television TV LUX
- 2018- Student scientist in group of spintronics research at Czech Academy of Sciences under prof. Tomáš Jungwirth

Music production history

- 2015- Recording and mastering of CD for gospel choir
- 2016 – 8 concerts ranging from young bands to well-known Slovak interprets
- 2018- 14 concerts in two series – 7 gospel concerts and 7 concerts of young bands with attendance maxing at 600 listeners.
- 2019- Head of the team organizing non-profit city music festival Hudba v meste – 7 artists, 1 stage and 700 visitors

Professional qualifications

Computer skills on high level: programming : C++, Pascal, Python (basics)

Sound, video and image editing

Microsoft Office

Fluent English on scientific level (C1 Level)

Experience with successful government grants

Miscellaneous

- 2017- President of non-profit organization – 5 Pa'ce, o.z.
- 2019- President of SPIE/OSA student chapter at Charles University
 - responsible for chapter management
 - presenting physics experiments for children at schools and various public events
 - spreading reputation of Charles University and Faculty of Mathematics and Physics

Prague, 21.1.2020