



Nursulton Abdurakhimov

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EDUCATION AND TRAINING

EMJMD in Europhotonics

Aix Marseille University [31/08/2019 – 29/09/2021]

Address: Jardin du Pharo, 58 Boulevard Charles Livon, 13007 Marseille (France)

Website: <https://www.europhotonics.org/wordpress/>

EMJMD in Europhotonics

Karlsruhe Institute of Technology [05/04/2020 – 29/09/2021]

Address: 76131 Karlsruhe (Germany)

Website: <https://www.kit.edu/>

Bachelor in Nanotechnologies and Microsystem engineering

Northern Arctic Federal University [31/08/2015 – 14/06/2019]

Address: 163002 Arkhangelsk (Russia)

Website: <https://narfu.ru/en/>

Study Abroad Program

University of Eastern Finland [31/08/2018 – 17/12/2018]

Address: Yliopistokatu 2, FI-80100 Joensuu (Finland)

Website: <https://www.uef.fi/en>

Smart-X MSCA ITN Doctoral Researcher

greateyes GmbH [30/09/2021 – Current]

Address: 12489 Berlin (Germany)

WORK EXPERIENCE

Master thesis intern

LACUS, EPFL [31/03/2021 – 29/09/2021]

City: Lausanne

Country: Switzerland

Femtosecond timing tool for time and angle-resolved photoelectron spectroscopy;

Intern (part of Master program)

Laboratory LP3 [01/11/2020 – 09/03/2021]

City: Marseille

Country: France

- Experiments on ultrafast laser solid interactions (Ultrashort-pulse laser interaction with dielectrics and semiconductors; Laser-induced forward transfer of biological material; Laser beam shaping)

Intern

LACUS, EPFL [16/08/2020 – 01/10/2020]

City: Lausanne

Country: Switzerland

- Pump-seed-pulse synchronization for optical parametric chirped pulse amplification (OPCPA).

Intern

Laboratory LP3 [02/02/2020 – 02/04/2020]

City: Marseille

Country: France

- Building the experimental setup(using axicons) enabling to produce beam-shaping of ultrashort lasers

Intern (part of Master program)

Laboratory LP3 [08/09/2019 – 23/01/2020]

City: Marseille

Country: France

- Building the electronic circuit board enabling to integrate the laser pulse energy received by a photodiode
- Automation of an ultrafast pump/probe experiment using the electronic circuit

Intern

University of Eastern Finland [02/09/2018 – 17/12/2018]

City: Joensuu

Country: Finland

- Coherence measurement using wavefront folding interferometer

Intern

Intel Corporation [04/02/2018 – 29/03/2018]

City: Arkhangelsk

Country: Russia

- Studying the development of multimedia applications using OpenCV + OpenCV DNN libraries
- Designed in a team the face detection system using a library of computer vision algorithms OpenCV and Python

LANGUAGE SKILLS

Mother tongue(s): **Uzbek**

Other language(s):

Russian

LISTENING C2 READING C2 WRITING C1

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

English

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

DIGITAL SKILLS

Microsoft office(WordExcel Powerpoint Outlook) / PYTHON / Visual Studio / Visual Studio Code / Zemax OpticStudio / MATLAB&Simulink / LabVIEW / ImageJ Fiji / freeCAD / Visual studio C#