



ALEKSANDAR STANOJKOVIĆ

MGR BIOLOGIST - MICROBIOLOGIST

CONTACT



+420 777 826 616

+381 62 8 192 522

585 634 080



aleksandar.stanojkovicdbe@gmail.com



Šmeralova 1122/12, 77900 Olomouc
(Czech Republic)

LANGUAGES

ENGLISH (C1) ██████████

GERMAN (B1/A2) ████████

CZECH (A2) ██████

FINNISH (A1) █████

SKILLS

MICROSOFT
OFFICE PACKAGE ██████████

DELPHI ██████

PASCAL ██████

UNIX/LINUX █████

EDUCATION

2009 - 2013

High School Diploma

Gimnazija, Leskovac, Serbia

General:

Bilogy, Mathematics

Biology, Mathematics, English language, Foreign language
(German), Psychology, Physics

Occupational:

- Basic principles of working in a lab

2013 - 2017

Bachelor of Sciences

University of Novi Sad, Faculty of Sciences, Novi Sad (Serbia)

General:

Systematics of Vascular Plants with Basics of Phylogeny, Plant
and animal physiology, Edible and poisonous mushrooms,
Biology of Algae and Fungi, Phycology, Biogeography and
others

Occupational:

- Different field courses within and outside of Serbia
- Working in the laboratory (Microbiology, Molecular
biology, Biochemistry)
- Dissection and preparation of animal cells and tissues
- Determination of plants, algae and fungi
- Principles of cartography and GIS
- Determination of quality of the water

01/01/206 - 31/05/2016

University of Eastern Finland, Joensuu (Finland)

General:

Finnish language, Molecular Biology, Biotechnology and Genetic
Modification of Plants, Developmental Genetics and Evo-devo,
Microbes in Trees and Wood, Animal Physiology and Histology

Occupational:

- Working in the laboratory for Plant Ecophysiology on
topic "The effect of the origin of silver birches (*Betula
pendula*) on their ectomycorrhizal communities"
- Gained theoretical knowledge of molecular evolution of
mammals and *Drosophila*. Was working on solutions for
problems forestry is dealing with microbes as well as
creation and utilization of genetically modified plants.

EDUCATION

04/02/2018 - 29/06/2018

Palacký University, Olomouc (Czech Republic)

General:

Special algology, Ecology of algae, Czech language, Research stay

Occupational skills:

- Gained principal knowledge of working with cyanobacteria and other algae in laboratory
- Finished Master Thesis on topic: "Phylogenetical diversity of metagenome in cyanobacterial cultures"
- Obtained skills like working with different bioinformatic tools in operative system Linux (Trimmomatics, Spades, MaxBin, Hal, IQTree). Was working with genomic sequences of different bacteria in cyanobacterial culture, gained knowledge about their metabolism, phylogeny and the reasons why are they together under such conditions in the culture

2017 - 2018

Master of Sciences

Novi Sad (Serbia)

General:

Microbiological monitoring of freshwater, Biotechnology of microorganisms, Biology of drinking and waste waters

Occupational:

- Detection of certain microbial indicators in different environments
- Detection and monitoring of various indicator microorganisms
- Ecological and sanitary aspect of the different types of wastewaters
- Methods of culture cultivation, conservation and procedures for culture maintenance

2018 - PRESENT

PhD studies

Palacký University, Olomouc (Czech Republic)

Thesis title: Genome diversity and divergence in speciation of cosmopolitan cyanobacterium

Microcoleus

Occupational:

- Sampling of epipellic and planktic cyanobacteria
- Cultivation and isolation of algal and cyanobacterial cultures
- Isolation of DNA, PCR, agarose gel electrophoresis and Sanger sequencing
- Utilizing tools of bioinformatics for phylogenetics, population genomics, phylogeography

WORK EXPERIENCE

14/01/2019 - PRESENT

PHYCOLOGIST

Palacký University, Olomouc (Czech Republic)

Communication skills

- Vast experience in foreign languages gained through visiting many countries
- Basic knowledge of Polish, Japanese and Spanish language
- Ability to cope with the pressure while working alone or as a part of a team
- Obtained broad experience in holding speeches and presentations as a volunteer at the local school of foreign languages
- Excellent contact skills with children and adults obtained through workshops on the university and while working as a promoter for the local firms in Serbia

Organisational skills

- Good team-leading skills obtained as a volunteer at "Counseling for young people" in Leskovac
- Excellent organizational skills due to being a member of 2 different projects I was working on

Additional information

Presentations:

- Held presentation on the event "Night of biology" organized by Faculty of Sciences in Novi Sad (from 2013 to 2017)

Membership:

- Member of Serbian Economic Society Foundation "Privrednik", from 2016.
- Member of "Foundation for young talents of the Republic of Serbia" as a scholarship holder, from 2017
- Member of Czech Psychological Society, from 2019

Honours and awards:

- Award for exceptional student at University of Novi Sad (2013/2014, 2014/2015, 2015/2016, 2016/2017, 2017/2018)
- Awarded by "Ministry of youth and sport" for young talents (2016/2017, 2017/2018, 2018/2019)
- Awarded by "Agency for Local Economic Development", Leskovac Youth Office for new young talent (from 2013 to 2018)

Projects:

- GAČR project (The Czech Science Foundation): Genome diversity and divergence in speciation of cosmopolitan cyanobacterium *Microcoleus* (co-worker, 2019-)
- Project: "Correlation between cyanobacterial blooms with different cancer incidences in Serbia" (worked with statistical methods for data processing, June 2017.)

