Curriculum Vitae

PERSONAL INFORMATION

Denislav KIRKOV (Student)

Age: 23

Nancy – France Sofia – Bulgaria

+33 6 51 38 15 95 – France +359 8 86 54 22 60 – Bulgaria

denislav.kirkov1@etu.univ-lorraine.fr denislavkirkov@yahoo.com

in https://www.linkedin.com/in/denislav-kirkov-54387a129/



WORK EXPERIENCE

05/06/2017 - 28/07/2017

Internship – Direct Computation of Wind Field around a Drone Based on GPS and Air Sensor Data

Space Research and Technology Institute, the Bulgarian Academy of Sciences (SRTI-BAS); http://www.space.bas.bg/Eng/Eng.html

20/03/2017 - 14/05/2017

Internship – Turbulence in katabatic winds on the arctic plateau.

LEGI – Laboratoire des Écoulements Géophysiques et Industriels;

http://www.legi.grenoble-inp.fr/web/?lang=en

03/10/2016 - 31/01/2017

Tutor - English tutor in "English Lab"

DLST - Université Grenoble Alpes; https://dlst.univ-grenoble-alpes.fr/

16/07/2016 - 15/08/2016

Internship – aircraft mechanic

Aeroplanes DAR; http://aeroplanesdar.com/

01/06/2016 - 15/07/2016

Internship – CAD, 3D printing, laser cutting, personal project – FILaBOX Smart Fab Lab: http://www.smartfablab.org/en

Smart Fab Lab, <u>Ittp://www.smartiabiab.org/e</u>

EDUCATION AND TRAINING

10/09/2018-31/06/2020

Engineering Degree – Mechanical Systems, Structures and Energetics École nationale supérieure d'électricité et de mécanique; http://ensem.univ-lorraine.fr/

04/09/2017-31/05/2018

Master of Engineering – Mechanical Simulations and Instruments Université Grenoble Alpes - UFR PhITEM; http://www.univ-grenoble-alpes.fr/

08/09/2014-31/05/2017

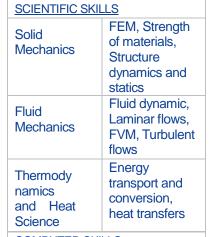
Bachelor of Mechanics

Université Grenoble Alpes - UFR PhITEM; http://www.univ-grenoble-alpes.fr/

LANGUAGES

Mother tongue Bulgarian

| Foreign | UNDERSTANDING | | SPEAKING | | WRITING | |
|-----------|---------------|--|--------------------|-------------------|---------|--|
| Languages | Listening | Reading | Spoken interaction | Spoken production | | |
| English | B2 | B2 | B2 | B1 | B2 | |
| French | C1 | C1 | C1 | C1 | C1 | |
| Russian | B2 | B2 | B2 | B2 | B1 | |
| | Levels: A1/A | Levels: A1/A2: Basic user: B1/B2: Independent user: C1/C2: Proficient user | | | | |



COMPUTER SKILLS



Microsoft Word –
Proficient User
Microsoft Excel –
Proficient User
SolidWorks –



Independent User
Matlab – Proficient User



Ansys Fluent – Proficient User Ansys Mechanical – Independent user

SCIENTIFIC PROJECTS

- Mechanical systems of Urban2 (Shell Eco Race Association of ENSEM)
- CAD model and production of mechanical system of Al Robot;
- Fluid-structure interaction on flexible hydrodynamic foils;
- FEM code in Matlab

OTHER SKILLS AND HOBBIES

- Driving licence B category;
- UAV operator certificated by Bulgarian drone academy, licence number: 20170823/00040;
- Outdoor sports and Mountaineering; Ecology

Denislav Kirkov CV