

KONSTADINA NOULA

03/02/2001 | Greece

E-mail: konstadinanul@gmail.com

LinkedIn: <https://www.linkedin.com/in/konstadina-noula-b348791b5/>

Phone Number: (+30) 6974865861

EDUCATION

- **15 OCT 2019-CURRENT**
STUDENT IN THE DEPARTMENT OF PHYSICS | AUTH, GREECE

CURRENT LEVEL: 9th SEMESTER | CURRENT GRADE: 8,39/10

CURRENTLY WORKING ON MY BACHELOR THESIS CONCERNING FLOW
BOILING OF EMULSIONS
- **15 JUN 2019**
HIGH SCHOOL DIPLOMA | 9TH HIGH SCHOOL, LARISSA, GREECE

GRADE: 19,9/20 | FIELD: MATHEMATICS AND SCIENCE

WORK EXPERIENCE

- **OCT 2020-CURRENT**
MIDDLE AND HIGH SCHOOL MATH AND PHYSICS PRIVATE TUTOR
- **MAR-MAY 2021**
TEACHING ASSISTANT (VOLUNTEERING) | DEPARTMENT OF PHYSICS, AUTH

AS A TEACHING ASSISTANT IN THE COURSE “ELECTRICISM-MAGNETISM (GENERAL PHYSICS III)”, WHICH IS TAUGHT IN THE SECOND SEMESTER, I HAD TO REVIEW AND CORRECT A NUMBER OF TASK SHEETS THAT WERE ASSIGNED TO THE STUDENTS BY THE PROFESSORS. A CERTIFICATION IS AVAILABLE IF ASKED FOR.

ADDITIONAL EDUCATION

- 8 JUL 2017

SCHOOL OF ASTRONOMY DIPLOMA | ASTRONOMY AND SPACE ASSOCIATION, VOLOS, GREECE

GRADE: EXCELLENT

A THREE-YEAR COURSE IN BASIC ASTRONOMY, ASTROPHYSICS AND SPACE ENGINEERING REGARDING BOTH OUR SOLAR SYSTEM AND OUTER SPACE.

- 12 AUG 2018

CERTIFICATE OF COMPLETION | COURSE: CODE PROJECT: DESIGN YOUR OWN SITE | BCA COLLEGE/KOTSOVOLOS, GREECE

WEB DEVELOPMENT METHODS (WORDPRESS, FACEBOOK BUSINESS PAGE) AND TECHNOLOGIES (HOSTING, DOMAIN, SECURITY, ADMINISTRATION) | FRONT-END PROGRAMMING LANGUAGES AND TECHNOLOGIES (HTML, CSS, JAVASCRIPT, AJAX, JQUERY, JSON, BOOTSTRAP) | BACK-END PROGRAMMING LANGUAGES AND TECHNOLOGIES (PHP, MYSQL, XAMPP).

PROJECTS

- AUG 2020-CURRENTLY

RESEARCH-MEMBER OF THE BEAM 3rd GEN STUDENT | ROLES: TEAM LEADER – PROJECT MANAGER – SCIENCE SUBTEAM MEMBER – MARKETING & OUTREACH SUBTEAM MEMBER

WE ARE THE FIRST GREEK STUDENT TEAM TO TAKE PART IN THE REXUS/BEXUS PROGRAMME (CYCLE 14) WITH AN EXPERIMENT TO BE CONDUCTED IN THE REXUS ROCKET. THE REXUS/BEXUS PROGRAMME IS ORGANIZED BY SNSA AND DLR, IN COLABORATION WITH ESA, SSC, ZARM, EUROLAUNCH AND MORABA. OUR EXPERIMENT, DROPSTAR, WILL BE STUDYING THE COALESCENCE MECHANISM THAT TAKES PLACE IN OIL-TO-WATER EMULSIONS, IN MICROGRAVITY CONDITIONS. AT THE SAME TIME, WE PARTICIPATE IN OTHER SPACE-RELATED COMPETITIONS AND PROGRAMMES, WHILE ALSO PRESENTING OUR TEAM AND PROJECTS TO A WIDE NUMBER OF CONFERENCES AND EVENTS.

- **3-4 OCT 2020, 2-3 OCT 2021 & 1-2 OCT 2022**

CONTESTANT IN NASA'S INTERNATIONAL SPACE APPS CHALLENGE

2020: MY TEAM, BEAMKIT-3D (3 MEMBERS/ BEAM SUBTEAM), TRIED TO TACKLE THE "VIRTUAL PLANETARY EXPLORATION" CHALLENGE. WE DESIGNED 3D MODELS OF A SMART TOOLKIT AND OF BASIC TOOLS THAT ASTRONAUTS USE WHILE EXPLORING, AFTER UPGRATING THEM AND INVENTING NEW WAYS FOR THEM TO BE USED.

2021: MY TEAM ILLUMINAT3D (6 MEMBERS), TACKLED THE "WHEN LIGHT CURVES THROW US CURVE BALLS" CHALLENGE. WE DEVELOPED A TOOL USED TO PRODUCE LIGHT CURVES FROM A USER GIVEN 3D MODEL AND SOME INITIAL INPUT PARAMETERS LIKE THE ROTATION AXIS OF THE OBJECT AND ITS ALBEDO. OUR WORK RECEIVED THE AWARDS OF "LOCAL WINNER" (THESSALONIKI) AND "GLOBAL NOMINEE".

2022: MY TEAM SARCHASM (5 MEMBERS), TACKLED THE "INSAR CHANGE DETECTIVES!" CHALLENGE. WE DEVELOPED AN OPEN SOURCE NOTEBOOK THAT GUIDES THE USER IN EXTRACTING AN INSAR GRAPH WITHOUT TROPOSPHERIC INTERFERENCES. THE NOTEBOOK USES VALID DATA REPOSITORIES AND SCIENTIFIC TOOLS IN ORDER TO BUILD AN INSAR GRAPH, CORRECT IT IN TERMS OF THE TROPOSPHERIC INTERFERENCES, AND RETURNS THE NEW, CORRECTED INSAR GRAPH. OUR WORK RECEIVED THE AWARDS OF "GLOBAL NOMINEE" AND "GLOBAL FINALIST", WHILE IT WAS THE NUMBER 1 PROJECT WORLDWIDE IT ITS CHALLENGE.

LANGUAGE SKILLS

- **ENGLISH**

CAMBRIDGE ENGLISH PROFICIENCY (CPE)

GRADE: 215/230

READING: 215/230 | USE OF ENGLISH: 204/230 | LISTENING: 230/230 | WRITING: 200/230 | SPEAKING: 228/230

CAMBRIDGE ENGLISH FIRST (FCE)

GRADE: 184/190

READING: 187/190 | USE OF ENGLISH: 188/190 | LISTENING: 180/190 | WRITING: 190/190 | SPEAKING: 177/190

- **GERMAN**

GOETHE-ZERTIFIKAT B1

LESEN: 60/100 | HÖREN: 60/100 | SCHREIBEN: 84/100 | SPRECHEN: 87/100

SKILLS

- **DIGITAL**

MICROSOFT OFFICE | ORIGIN | MATHEMATICA | BASIC C PROGRAMMING | WEB DEVELOPMENT | GOOGLE DOCS | COLLABORATION (TEAMS, SKYPE, ZOOM) | INTERNET USE FOR RESEARCH

- **PERSONAL**

PROBLEM SOLVING | RESPONSIBILITY | ORGANIZATION | WORKING UNDER PRESSURE | WORKING EFFICIENTLY IN A TEAM | COMMUNICATION SKILLS | DECISION MAKING | RELIABILITY | TIME MANAGEMENT | HARDWORKING | CREATIVE