



## Dimitrios Komitis

**Date of birth:** 02/01/1999

**Nationality:** Greek

## CONTACT

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**(Home)**

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## WORK EXPERIENCE

**2016 – 2021** Thessaloniki, Greece

### Private tutor Freelancer

I conducted private Physics and Mathematics lessons for high school students.

**31/03/2019 – 30/09/2019** Pefkohori , Greece

### Kitchen Manager, service assistant and Food Runner - Umbrellas Beach Life

My responsibilities included managing the kitchen staff in order to meet deadlines and quality quota. I was also tasked with assisting on the sector of customer service.

**08/2019 – 10/2019** Thessaloniki, Greece

### Waiter and service assistant Kazbah Cafe - Bar

I was assigned the care of customers. The need of cooperation and leading is a vital skill while waiting.

## EDUCATION AND TRAINING

**10/09/2014 – 14/06/2017** Thessaloniki, Greece

### High School Diploma 1st High School of Panorama

**Address** 55236, Thessaloniki, Greece | **Field of study** Physics and Mathematics | **Final grade** 18,7/20

**09/06/2020 – 12/07/2020** Thessaloniki, Greece

### Barista & Barman Training Seminar IEK Delta

**Website** <https://www.iekdelta360.gr>

**30/09/2018 – CURRENT** Thessaloniki, Greece

### Physics Department Aristotle University of Thessaloniki

**04/2020 – 07/2020**

### Introduction to Probability Online Seminar Harvard & EdX

## LANGUAGE SKILLS

**MOTHER TONGUE(S):** Greek

**Other language(s):**

**English (through exposure)**

**Listening** C2

**Spoken production** C2

**Reading** C1

**Spoken interaction** C2

**Writing** C1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

# DIGITAL SKILLS

Microsoft Office | Social Media | Collaboration Tools (MS Teams, Zoom, Webex, Skype for Business) | Photo manipulation skills with from personal projects (Adobe Photoshop and Premiere) | Programming C | Solidworks software | BETA-CAE ANSA | Experience with CNC engraving and CNC lasering | various programs for 3D printing (Cura, Prusa, Simplify3D, Slic3r, FlashPrint) | Blender 3.X

## ADDITIONAL INFORMATION

### Personal Skills

#### Social

Friendly, Responsive, Communicative, Clear speaker, Direct, Confident, Team-worker, Great under pressure, Presenter, Honest, Active questioner, Leader, Decision-maker, Intellectually curious

#### Practical

Intuitive, Resourceful, Project-oriented, Completer-finisher, Flexible, Goal-oriented, Organized, General mechanical-electrical practical knowledge, Visionary, Problem solving, Hardworking, Reliable

### Driving Licence

**Driving Licence:** A2

**Driving Licence:** B

### Projects

#### 07/2020 - CURRENT

**Physics/Science Researcher, Mechanical Manager at B.E.A.M. - DROPSTAR.** Beyond Earth Aristotle Missions (BEAM) is an established space research student group housed in (but not limited to) the Aristotle University of Thessaloniki. Our activities include executing educational space-related research and gaining practical knowledge in all aspects of a space project. My project, DROPSTAR, was selected to participate in cycle 14 of the REXUS/BEXUS programme and is set to fly an experiment aboard the Rexus 31 rocket in March of 2024.

Link <https://beamproject.gr/>

#### 2020 – 2022

**NASA's Space Apps** In the 2020 NASA's Space Apps challenge, my team, BEAMKit3D, was comprised of 3 members. We attempted to tackle the virtual planetary exploration challenge. We designed 3D models of a smart toolkit and basic tools that astronauts can use while exploring, after optimizing their forms and inventing new ways for them to be used.

In the 2021 NASA's Space Apps challenge, having more experience in the sector, my team, Illuminat3D, was comprised of 6 members. We took up the "When light curves throw us curve balls" challenge, creating a piece of software than can produce the light curves of a given 3D model without the use of 3rd party 3D rendering software and without the need of a graphical processor. Illuminat3D was announced both "Local winner" and "Global nominee" and the project progressed to the international competition.

In the 2022 NASA's Space Apps challenge, I took the role of team leader in the challenge "INSAR change detectives" with the project "SARchasm". My team of 5 members developed an open source notebook that guides the user in extracting an INSAR graph without tropospheric interferences. "SARchasm" was announced "Global nominee" and after consideration from NASA judges, the title of "Global finalist" was attributed to the project, making it one of the top 37 projects worldwide, and #1 worldwide in its challenge.

Links <https://2021.spaceappschallenge.org/challenges/statements/when-light-curves-throw-us-curve-balls/teams/illuminat3d/project> | <https://2022.spaceappschallenge.org/challenges/2022-challenges/insar-change-detectives/teams/sarchasm/project>

#### 03/2021 – 10/2021

**Participation in the Newspace Pioneers program.** Newspace pioneers is an intensive academic internship program put together by the Greek Newspace Society. Me and 2 other students conducted research under the supervision of the GrNSS Academic Advisors about the subject of space internet, and composed a paper on the matter.

Link <https://greek.nss.org/program/newspace-pioneers/>

## **2022 – CURRENT**

**Bachelor Thesis - Emulsion Flow Boiling** I am currently working on my Bachelor Thesis concerning the flow boiling of n-pentane emulsions. Flow boiling of emulsions is a novel field of study, and studying it within AUTHs Multiphase Dynamics Group aims to provide the needed literature as a starting ground for future experiments on the subject.

Link <https://karapant.webpages.auth.gr/en/>

## **Other noteworthy activities**

### **2008 – 2011**

#### **Multiple awards of excellency in Mathematics event "Kangaroo"**

Link <http://www.kangaroo.gr/>

### **2012 – 2013**

#### **Honour awards in several chess events**

### **2015**

#### **Model United Nations**

I took part in the 2015 Model United Nations representing the Social and Economic positions of Egypt regarding the Right to Privacy.

### **2022 – 2023**

#### **Participation in "The PATH to PLANCS"**

I was one of the members that presented DROPSTAR to a large audience in The PATH to PLANCS physics conference in the Aristotle University of Thessaloniki, for 2022 as well as 2023.

### **04/04/2022**

#### **Speaker in "Space chemistry" conference**

Me and 4 other members of DROPSTAR were selected to speak in the Space Chemistry conference, along with several qualified professors, organised by REACTION in the Aristotle University of Thessaloniki

### **09/2022**

#### **Volunteer in the welcoming of new students to AUTH**

Through the voluntary action office of the Aristotle University of Thessaloniki, I took part in the welcoming of new students in the university, spanning over two weeks and across the campus, containing several kiosks with volunteers ready to provide any information and/or aid requested to the new students

### **07/10/2023 – 08/10/2023**

#### **Presenter in NASA Space Apps Challenge 2023**

I was a presenter in the 2023 NASA's Space Apps challenge, representing BEAM and its projects.

### **10/10/2023 – 12/10/2023**

#### **Participation in Athens Science Festival**

I was a presenter for BEAM in the 2023 Athens Science Festival.