



# ACHILLEAS PEOLIDIS

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**Address:** Athens, Greece (Home)

## ABOUT ME

Passionate to learn and willing to inspire

## WORK EXPERIENCE

19 JUN 2023 – 1 JUL 2023 Belgium

**ESA/ELGRA GRAVITY-RELATED RESEARCH SUMMER SCHOOL** EUROPEAN SPACE AGENCY ACADEMY

The goal of the two-week long research summer school was to create and present a gravity-related experiment in teams of inter-European students of different backgrounds. Our team presented an experimental set-up for studying the cortical excitability of the human brain in altered gravity conditions and was awarded for outstanding performance.

MAR 2023 – AUG 2023 Barcelona, Spain

**ERASMUS+ TRAINEE / RESEARCH ASSISTANT** INSTITUTE OF MICROELECTRONICS OF BARCELONA (IMB-CNM)

Worked on testing a pH sensor made of graphene electrodes as an advanced device for active monitoring of skin wound healing. The traineeship was part of the WHISKIES (Wound Healing in Space: Key Challenges towards Intelligent and Enabling Sensing) project by ESA-CORA and was evaluated as successful and contributory.

Supervisor: Dr. Gemma Rius

SEP 2022 – FEB 2023 Athens, Greece

**THESIS RESEARCH** NATIONAL HELLENIC RESEARCH FOUNDATION (NHRF)

Thesis titled "Development of  $n^+$ -ZnO/n-Si heterojunctions for optoelectronic applications".

Supervisor: Dr. Maria Kandyla

JAN 2016 – MAY 2016 Brussels, Belgium

**CAN-SAT STUDENT COMPETITION OF BELGIUM** EUROPEAN SPACE AGENCY (ESA), CANSAT BELGIUM

Member of a six students team aiming to design and build a small satellite fitted in a 33cl can with the capability to record and transmit live sensor data. Successfully launched our Can-Sat in Delft, Netherlands and reached the Belgian semi-finals.

## EDUCATION AND TRAINING

SEP 2016 – JUL 2024 Athens, Greece

**DIPLOMA EQUIVALENT TO M.SC. ON ELECTRICAL, ELECTRONICS AND COMPUTER ENGINEERING** National Technical University of Athens (NTUA), School of Electrical and Computer Engineering (ECE)

Specialized in Electronics, Circuits, Materials and Computer Systems. Further specialization includes courses of Energy Conversion, High Voltages and Industry Applications.

**Website** <https://www.ece.ntua.gr/en> | **Final grade** 7.17

MAR 2021 – JUN 2021

**ERASMUS+ STUDENT MOBILITY PROGRAM** Istanbul Technical University (ITU)

**Website** <https://www.itu.edu.tr/en>

SEP 2012 – JUN 2016 Brussels, Belgium

**EUROPEAN BACCALAUREATE DIPLOMA** European School of Brussels III

**Address** Bd du Triomphe 135, 1050, Brussels, Belgium | **Final grade** 87.7/100

## LANGUAGE SKILLS

Mother tongue(s): **GREEK**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2
<b>SPANISH</b>	A2	A2	A2	A2	A2

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

## DIGITAL SKILLS

LTspice IV (good knowledge) | OriginLab (advanced) | Microsoft Excel | C, C++, Python | Neural Networks

## COMMUNICATION AND INTERPERSONAL SKILLS

**Team player • Collaborative and caring • Able to handle and resolve conflict • Empathetic • With an optimistic mindset**

Communication skills acquired by working on team projects and group presentations as well as through group studying.

## MANAGEMENT AND LEADERSHIP SKILLS

**Efficient task scheduling • Critical thinking and fast decision making • Leadership attitude • Motivating and inspiring others**

Organisational and managerial skills acquired through goal orientated team building, both within and outside of the academic sector.

## HOBBIES AND INTERESTS

**Music lover • Hiker • Fitness and wellness enthusiast**

1. Completed a 6-Months DJ course, organized several music events and collaborated with other DJs
2. Working out regularly and striving for a healthy lifestyle
3. Passionate explorer and traveller

## CONFERENCES AND SEMINARS

**Rolls Royce Career Event Conference**

**"The irrationality of Western Civilization – the collapse of a myth" Seminar by Dr. Manos Danezis, Astrophysicist, Professor of the National and Kapodistrian University of Athens**

## OTHER WORK EXPERIENCE

MAR 2024 – SEP 2024

**MILITARY SERVICE IN CYPRUS**

Fullfilled my mandatory military duty in the island of Cyprus. Gained a variety of managerial and leadership skills through various tasks and improved futhermore my adaptational skills.

**LIAISON AT THE ADD MUSIC FESTIVAL 2019 & 2022**

Member of the ADD MUSIC FESTIVAL 2019 & 2022 organising team in the position of artist liaison.

JUN 2015

**VOLUNTARY WORK IN "LAIKO" GENERAL HOSPITAL OF ATHENS**

Offered voluntary services in the hematology department of the hospital and gained a deep understanding of the processes and the workflow in the hematology laboratories.