

Internship Programme 2024



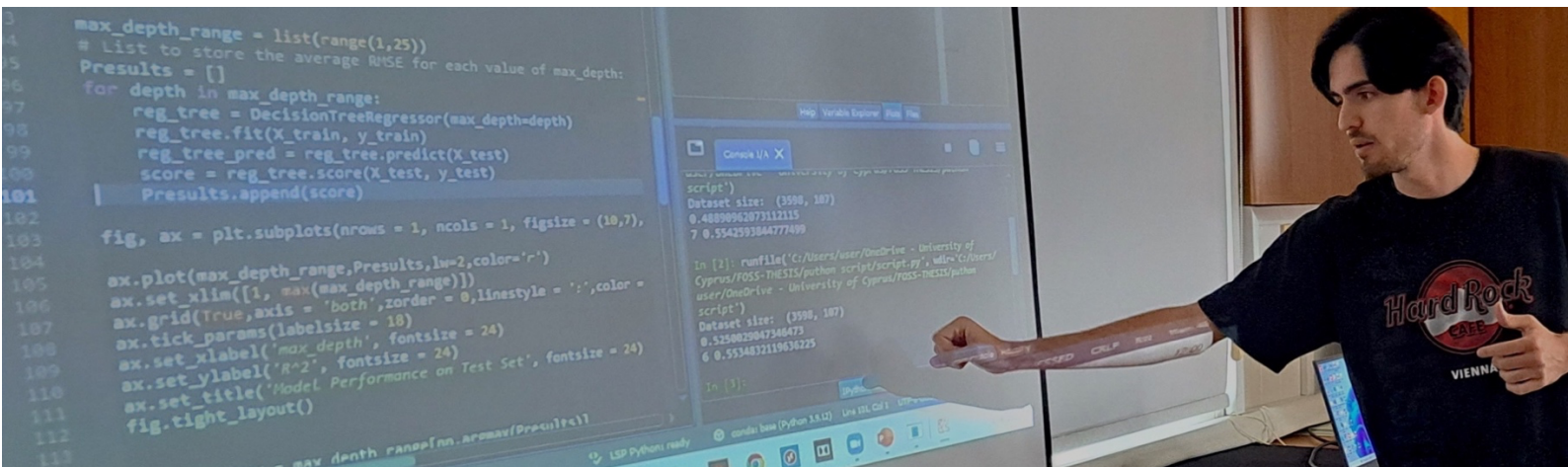
PHAETHON CoE

2024 Internship Programme

Join us for your Summer Internship at the newly established **PHAETHON Centre of Excellence!**

Over the years, the **FOSS Research Centre for Sustainable Energy** has built effective internship programmes and offered a series of exciting educational activities.

PHAETHON Centre of Excellence (CoE) is continuing in this vein, investing in the younger generation, by offering students the opportunity to enhance their skills and gain real work experience. In this context, PHAETHON CoE will be providing the opportunity to a number of undergraduate students in the fields of **Electrical Engineering, Mechanical Engineering, Computer Engineering, Physics** and **Mathematics**, to participate this summer in a wide range of activities and training.



Internship Programme Overview

Our internship programme is designed to contribute in launching the careers of undergraduate students! Here with us at the upgraded PHAETHON CoE you will gain the know-how to accelerate your career, through technical coursework and workshops, as well as hands-on experiments.

Your internship will be supervised by renowned academics and researchers from the University of Cyprus, who will serve as dedicated mentors that will help personalize the programme for each of you.

Moreover, Internships start at the beginning of June and end no later than the end of August, with flexible start and end dates.

Every year, the FOSS Internship Programme has accepted students from across Cyprus, Europe, the UK and the USA, from world renowned universities including the University of Cambridge (UK), Princeton University (USA), Texas A&M University (USA), The University of Edinburg (UK), The University of Jaen (Spain), The University of Deusto (Spain), The Aristotle University of Thessaloniki (Greece), and the University of Cyprus, to name a few. This year's first PHAETHON CoE Internship Programme will continue that tradition, welcoming students from across the globe.

Fields of Study

Interns will have the opportunity to be directly involved in the research activities of the PHAETHON Centre of Excellence, engaging with timely topics such as:

- Smart Grids
- Renewable Energy
- Data Analytics
- Fault Detection
- PV and Hydrogen Implementation
- Smart Devices and Interoperable Protocols for Control and Communication
- Emerging PV metrology

And other related topics.



Key Learning Outcomes

Participants will benefit by participating in the Internship Programme in multiple ways, specifically, they will have the unique opportunity to:

- engage and interact with professionals in the field, as well as with other students from different Universities across the globe.
- gain hands-on experience dealing with real problems, in some cases, in collaboration with industry professionals.
- be introduced to new technologies and innovative solutions, as well as operate professional state-of-the-art equipment located only in a few places globally.
- be trained and properly supervised by world renowned Academics and Researchers.
- present the results of their research work at high-level fora.
- acquire skills in communication, leadership and teamwork.
- enhance their professional, social and networking skills.
- develop a spirit of cooperation and teamwork by undertaking projects both individually and/or in small groups.



Eligibility

All undergraduate students studying in the fields of Electrical Engineering, Mechanical Engineering, Computer Engineering, Physics and Mathematics are eligible to apply to the Internship Programme.

Candidates should possess the following:

- ✓ Deep interest in the research activities of PHAETHON CoE.
- ✓ High academic performance.
- ✓ Good social skills to interact with your supervisors and the Research team.
- ✓ Strong work ethic.
- ✓ Flexibility and eagerness to learn.
- ✓ Excellent written and verbal communication skills.

How to Apply

Interested candidates are requested to submit the following items via email to phaethon.vacancies@ucy.ac.cy and nicolaou.anastasia@ucy.ac.cy.

Please include "Application: PHAETHON_Intern 2024" in the subject line.

Required Documentation

1. Curriculum Vitae (CV)
2. Cover letter
3. Transcript – including coursework and cumulative GPA.

Application Deadline
Friday, 23 February 2024

See what other interns have to say:

“ I did a summer internship at the FOSS PVLab and really enjoyed my time there. The project was fascinating, the other people around the office and lab were lovely, and it was great being in an environment where I was able to socialise and make friends with the other like-minded interns. I think anyone aiming to learn more about the intersection of photovoltaics with sustainable energy would get a lot out of being involved with this research group. ”

Undergraduate Student in Engineering, Cambridge University, UK

“ I worked at FOSS Research Centre as an intern and had an amazing learning experience regarding photovoltaic systems. FOSS has a very welcoming workplace environment and has treated me like family over the course of my internship. I was surrounded by students and researchers who were pleased to help me out when I had a question. I made many friends here, and I would highly recommend working at FOSS if given the opportunity. ”

Undergraduate Student in Electrical Engineering, TEXAS A&M University, USA

“ I have been collaborating and studying at Photovoltaic Technology Laboratory of FOSS Research Centre and I have to say that it was a really good experience. There are really good researchers there. I learnt a lot about photovoltaic technology and this experience helped me with my Thesis. I also felt part of the group and I met wonderful people there. I really appreciate their help and I wanted to take the time to thank you. It is highly recommended. ”

Undergraduate Student in Electrical Engineering, University of Jaen, Spain

Join us in realising the energy transition!