



# VIP

Virtual  
Internationalization  
Program

Brought To You By



UNIVERSITY  
of NICOSIA | Global  
Semesters

## BE A VIP THIS SUMMER! Institute for the Future (IFF) Virtual Internships

PROGRAM TERM

Summer 2021

PROGRAM DATES

June 8 – July 23, 2021

APPLICATION DEADLINE

May 25, 2021

PROGRAM COST

\$1,170

## INTERNSHIPS FOR CREDIT WITH CULTURAL ENRICHMENT

*Build Your Resume/CV During this Summer!*

### Research Internship Projects

#### ✔ Blockchain Forensics

*– Use Machine Learning Algorithms (e.g., Unsupervised Techniques) for Detecting Suspicious Events in Blockchain Transactions.*

Requirements: Computer Science (or Related)

#### ✔ Ripple – Optimization of Consensus Algorithms in Private Blockchain Networks

*– Research Assistant*

Requirements: Computer Science (or Related)

#### ✔ Fusion of Independent Machine Learning Models Using Smart Contracts

*– Experiment with Various ML Algorithms and Develop a Fusion Scheme on a Blockchain.*

Requirements: Computer Science (or Related)

### Application Requirements

1

Select  
“VIP Internship Program”  
In Your Application

2

Include Your  
Statement of Interest  
In Your Online Application Form

3

E-mail  
a Copy of Your Resume to:  
[admissions@globalsemesters.com](mailto:admissions@globalsemesters.com)

[www.Globalsemesters.com/VIP](http://www.Globalsemesters.com/VIP)

✔ **Raspberry Pi Blockchain RFID Scanner**

– *Raspberry Pi Blockchain RFID Scanner. Enabling those interested to send RFID tag data to a blockchain (e.g., EOS) for enabling logistics, supply chain, manufacturing, tracking and access control use-cases. The project uses a Raspberry Pi as an IoT device and the blockchain as the global distributed platform/database.*

**Requirements:** *Computer Science (or Related)*

✔ **Forecasting Using Machine Learning and Support The Makridakis Open Forecasting Center (MOFC) Research Team**

– *Research Assistant*

✔ **Marketing**

– *For Makridakis Open Forecasting Center (MOFC) – Conducts Cutting-Edge Forecasting Research – (<https://mofo.unic.ac.cy/>) and Decentralized Conference – World's Premier Learning Conference on Blockchain and Digital Currencies – (<https://www.decentralized.com/>).*

**Requirements:** *Applicants need to be at least in the 3rd year of his/her Bachelor studies, with previous experience in social media marketing and knowledge of Photoshop.*

✔ **Newsletter Creator**

– *For Makridakis Open Forecasting Center (<https://mofo.unic.ac.cy/>) and Decentralized Conference (<https://www.decentralized.com/>).*

**Requirements:** *Applicants need to be at least in the 3rd year of his/her Bachelor studies, with previous experience in Journalism to create a weekly newsletter for IFF and MOFC.*

✔ **Human Trafficking (Mini Project)**

– *Study on how Blockchain can be used in assisting to combat human trafficking and organize an event in Cyprus.*

**Requirements: Preliminary/Foundational Knowledge on:** *Economic Analysis, Computing, Data Science, as well as hands-on experience on using existing technologies to solving real-world challenges.*

✔ **Government to Adopt Blockchain Technology**

– *Research Policies Required to Adopt Blockchain.*

**Requirements: Preliminary/Foundational Knowledge on:** *Economic Analysis, Computing, Data Science, as well as hands-on experience on using existing technologies to solving real-world challenges.*

✔ **Healthcare Sector**

– *Study on how Blockchain can be used in the Healthcare Sector (Ranging from Pharmaceuticals to Doctors to Natural Disasters, etc.)*

**Requirements: Preliminary/Foundational Knowledge on:** *Economic Analysis, Computing, Data Science, as well as hands-on experience on using existing technologies to solving real-world challenges.*

✔ **General Social Issues (Gender and Other Societal Issues)**

– *Impact of Blockchain on Society – Study.*

**Requirements: Preliminary/Foundational Knowledge on:** *Economic Analysis, Computing, Data Science, as well as hands-on experience on using existing technologies to solving real-world challenges.*

✔ **Smart City Using Blockchain Technology (Mini Project)**

– *Discover the uses of this technology and prepare a project on how this technology can be applied to Nicosia City.*

**Requirements: Preliminary/Foundational Knowledge on:** *Economic Analysis, Computing, Data Science, as well as hands-on experience on using existing technologies to solving real-world challenges.*