



WORK OFFER

Ref. No. TR-2020-006-KOC

Employer Information

Employer: Koc University
College of Engineering
Rumelifeneri Mahallesi, Sariyer Rumeli Feneri Yolu, 34450
Sariyer
Istanbul
Turkey
Website: www.ku.edu.tr
Location of placement: Istanbul
Nearest airport: Istanbul Ataturk Airport
Working hours per week: 40.0
Working hours per day: 8.0
Number of employees: 500+
Business or products: Academics

Student Required

General Discipline: 11-COMPUTER AND INFORMATION SCIENCES
14A-ENGINEERING, Other
Completed years of study: 3
Field of Study: 11.0701-Computer Science.
14.0901-Computer Engineering, General.
Student status requirements: Required when nominated
Language required: English Excellent

Required Knowledge and Experiences:

The basic knowledge of algorithms and data structures are the must have requirements.
Being able to code, debug, and understand existing codes in Solidity are preferred.
Distributed systems and/or computer networks course background would be helpful.
Students with Blockchain knowledge are especially encouraged.

Other requirements:

Work Offered

This project is about peer-to-peer (P2P) energy trading systems using Smart contracts and Blockchain paradigm. Considering data safety, authenticity, and nonrepudiation features, blockchain is a perfect fit for modern energy sharing and payment systems since it provides an easily accessible, immutable, and transparent history of all contract-related data, adequate for building applications with trust and accountability. Use of smart contracts brings a number of additional advantages for sharing data by participants, consent management, transparency, and reduced expenses. The objective of this internship is to develop algorithms for P2P energy trading systems, testing and analysing their performance.

Number of weeks offered: 5 - 7
Working environment: Research and development
Within the months: 15-JUN-2020 - 30-JUL-2020
Gross pay: 1200 TRY / Month
Or within: -
Deduction to be expected: 0
Company closed within: -
Payment method / time of first payment: / At the end of the month
Latest possible start date:

Accommodation

Canteen at work: Yes
Expected type of accommodation: Student dormitory
Estimated cost of lodging: 600 TRY / Month
Accommodation will be arranged by: IAESTE
Estimated cost of living incl. lodging: 1200 TRY / Month

Additional Information

After being accepted by the employer, the students should apply for an internship visa under student visas category at the Turkish Consulate located in their homeland before their travel to Turkey. Otherwise, they should note that they will have to register at the migration management office where they reside by applying for a short term residence permit as soon as they arrive in Turkey. So we advise them to finalize their visa issues under a correct application and within a reasonable duration before their internship starts. As this is a long term offer, the students will have to apply for a short term residence permit within 30 days after entering the country!
*Lodging will be arranged by the university LC; so please consult iaeste@ku.edu.tr for your questions related to reception&accommodation for the offer, ONLY AFTER you have received your acceptance from your IAESTE office.
*Before your arrival , please check out the list of public holidays in Turkey.

Nomination Information

Deadline for nomination: 15-MAR-2020

Date: 31-JAN-2020
On behalf of receiving country: Gulhayat SAYGILI