



IAESTE ISRAEL
Tel: 972-4-8225915
Fax: 972-4-8295769
E-mail: Israel@iaeste.org
WORK OFFERED

REF.NO. IL- 2016-05

Employer information

Employer: Turbomachinery & Heat Transfer Laboratory
Faculty of Aerospace Engineering
Technion-Israel Institute Technology

Website: <http://bcukurel.net.technion.ac.il/>
Location of placement: Turbo and Jet Engine Building
Number of employees: 13

Official responsible: Asst. Prof. Beni Cukurel, Lecturer

Number of working days per week: 5

Tel: +972-(0)77-887-1962

Working hours per week: 40

E-mail: bcukurel@technion.ac.il

Daily working hours: 8

No work on Fridays, Saturdays & Holidays

Student required

Field of study: Turbomachinery & Heat Transfer.
Basic and Applied Heat Transfer: Thermo-Acoustic
Interaction, Conjugate Heat Transfer, Active Flow
Control.
Specialization: Measurement Technique Development:
Infrared Thermography, Liquid Crystal Thermometry,
Hotwire Anemometry. Gas Turbine Component
Analysis: Turbine Cooling and External Flows, Aero-
Thermal Design of Gas Turbine Hot Gas Section, Axial
and Radial Compressor/Turbine Aerodynamics.

Language required: English (excellent)

Study level: beginning: ☐
middle: ☐
end: ☒

Other requirements: Knowledge of programming languages
such as Labview, Matlab, and expertise in finite element
solvers COMSOL, Fluent, CFX and various CAD
software may be beneficial.

Work offered**Work description:**

Looking for students interested in: Experimental Aero-
Thermal Dynamics / Heat Transfer Non-Intrusive
Measurement Technique Development Micro Turbine
Performance Assessment

Working environment:

Research and development	R	X
Professional	P	☐

Number of weeks offered: 8 weeks.

Min: 8 weeks.

Max: 8 weeks.

Within the months: August-September 2016

Gross pay per month: 2,800 ILS

Accommodation

Lodging will be arranged by: IAESTE Israel

Estimated cost of lodging per month: Details will be
provided later on.

Estimated cost of living incl. lodging per month: 2,800 ILS

Additional Information**FOR OFFICIAL USE ONLY**

Date: 01.01.2016

Bruria Zomer-Fedida

Bruria Zomer-Fedida

National Secretary IAESTE Israel

On behalf of receiving country

Deadline for nomination: 31.03.2016

**Please send nomination by Email &
2 hard copies**

PLEASE SEND THE NOMINATION OF YOUR STUDENT TO xiaoke.min@iaeste-china.org



Country: China

Ref No.: CN-2016-CDG-B01

WORK OFFERED

Employer Information

Employer:	CDG Group	Working Place:	Changzhou (Jiangsu)
Website:	http://www.yunhe5.cn/	Nearest Int Airport:	Pudong International Airport(Shanghai)
		Nearest Public Transport:	High speed train (45 min from Shanghai)
Business or Products:	ARCHITECTURE DESIGN		
No. Of Employees:	20-50	Working Hours per week:	40
Official Responsible:	Rocky Tang	Daily Work Hours:	8

Student Required

Faculty:	Architecture	Language Required for Training:	English 1
Specialization:	Architecture Design		(1=Excellent, 2=Good, 3=Fair)
Study level:	Beginning ☐	Other Requirements	
	Middle ☐	Portfolio of individual design works required	
	End ☒	(For details please see attached)	

Work Offered

Kind of Work:

We have several positions open for Architectural students.

The attachment is a list of possible projects that the student may get involved. Details on specific projects will be provided upon arrival.

Categories:

Research and Development	☐
Professional	☒
Working Environment	☐
Non-Specific	☐

Number of weeks Offered:

Min: 12

Max: 24

From the Months: July 8th – Sept 30th 2016

(Please note the offer is 12 weeks with a possibility Of extension to 24 weeks based on performance)

Notes:

With requirement the same as formal employees and interrupt work for trips during work is not allowed if employer does not agree. The student also will participate to the Cultural Exchange Program organized by the company.

Special Notes:

The Visa behind this offer is sponsored by IAESTE China or Shanghai University or both. The student is required to participate in the Cultural Exchange Program organized by Shanghai University and IAESTE China. Details will be provided upon acceptance of the student.

Gross Pay: 2000 CNY

Per: Month

Deduction to be expected: 0%

Accommodation

Lodging will be arranged by:	Employer	Estimated cost of lodgings:	OCNY
		Per:	Month
Canteen facilities available at work:	No	Estimated cost of Living incl. lodging:	950 CNY
		Per:	Month

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Deadline for nomination:
March 30th, 2016

On behalf of receiving country:
IAESTE CHINA





IAESTE Ecuador

WORK OFFER

Ref. No. EC-2016-USFQ058

Employer Information

Employer:

STUDIO DE DISEÑO SOSTENIBLE SDARCH

Website: <http://www.sds-arch.com> ; vivaarquitectura.com

Location of placement: Quito

Number of employees: 0-10

Working hours per week: 40

Working hours per day: 8

Ecuador

Business or products: SUSTAINABLE PROJECTS

Student Required

Field of Studies:

Architecture

Study Level:

End (7 or more semesters)

Specialization:

Urban Planning

Language required:

English good or
Spanish good

Other requirements:

AUTOCAD, EXPERIENCE IN DESIGN.

Work Offered

Work description:

THE STUDENT WILL BE GIVING SUPPORT ON DIFFERENT DESIGN PROJECTS: HOUSING, BUSINESS, COMMUNITY. CONSULTANCY IN ENVIRONMENTAL AND INTERIOR DESIGN.

Number of weeks offered: 8 - 10
Within the months: 23-MAY-2016 to 29-JUL-2016
Or within: 05-SEP-2016 to 20-DEC-2016
Holidays:

Working environment: Field Work

Gross pay: 0.00 USD monthly

Deduction to be expected: 0

Accommodation

Lodging will be arranged by: IAESTE

Estimated cost of lodging: 210.00 USD monthly

Estimated cost of living: 350.00 USD monthly

Additional information

If the student will come up to 8 weeks, the student will not get a visa. If the student will come more than 8 weeks, the student must apply for a cultural exchange visa type 12-VIII or a commercial type 12-IX. Once the student is accepted IAESTE ECUADOR will give information about visa procedures. IAESTE ECUADOR will receive only online nominations (student nominated, cover letter, cv with digital photo, transcript, language certificate, 2 reference letters, certificate enrollment and passport copy) to apenaherrera@usfq.edu.ec ; jsegovia@usfq.edu.ec

Nomination information

Deadline for nomination: 31-MAR-2016

Please send nominations by IntraWeb

Date: 21-JAN-2016

On behalf of receiving country: Gloria Gangotena



IAESTE Austria

WORK OFFER

Ref. No. AT-2016-1014BO

Employer Information

Employer:

ATC - Agro Trail Center GmbH
Am Futterplatz 1
2471 Rohrau

Website:

http://

Location of placement: 2471 Gerhaus, Am Futterplatz 1

Number of employees: 20

Working hours per week: 40

Working hours per day: 8

Austria

Business or products: Agrosience

Student Required

Field of Studies:

Biology,
Agriculture

Study Level:

Begin (1-3 semesters)
Middle (4-6 semesters)
End (7 or more semesters)

Specialization:

Horticulture,
Plant Protection

Language required:

English excellent or
German good

Other requirements:

Driving licence

Work Offered

Work description:

- 1) To help in all aspects of trials execution:
 - laying out of trial
 - drilling, planting crops
 - Pest management techniques (+weeds for herbicide trials)
 - Chemical handling: weighing out chemicals, mixing up chemicals
 - Spraying trials: Experimental handheld sprayer
 - Assessing trials: Disease, Weed, Insect assessments, Yield and Quality assessments
 - Trials maintenance: Oversprays, irrigation, misting, weeding
 - Data handling: In field portable computers, personal computers
 - Data presentation: software packages
- 2) Special features:
 - some understanding of experimental principles, and/or plant pathology, entomology, plant biology, statistics
 - agricultural background (Practical knowledge of Agronomy)
 - basic understanding of computers and associated software
 - ability to safely drive a car
 - ability to understand operating and safety procedures
 - adaptability and flexibility to work within constraints of adverse weather and working conditions, long working hours in peak seasons, and an isolated operating facility
 - The ability to work efficiently in a team with colleagues
 - an appreciation of the need to safeguard, the sensitivity and confidentiality
- 3) Skills learned
 - Trial design: Layout, Blocking, Randomisation, Statistics
 - Trial methods: Insect, Diseases, Weeds, Special equipment

Number of weeks offered: 20 - 36

Within the months: 01-APR-2016 to 31-OCT-2016

Or within:

Holidays:

Working environment: Field Work

Gross pay: 1238.00 EUR monthly

Deduction to be expected: 20 %

Accommodation

Lodging will be arranged by: IAESTE

Estimated cost of lodging: 400.00 EUR monthly

Estimated cost of living: 700.00 EUR monthly

Additional information

Informational Talk by IAESTE and /or employer
The work combines office work and field work

Nomination information

Deadline for nomination: 15-MAR-2016

Please send nominations by IntraWeb

Date: 21-JAN-2016

On behalf of receiving country: Lukas Schwendinger





IAESTE CHINA/ MACAO SAR

WORK OFFERED 'O' Form

REF.NO. **MO-2016-CERT-01**

Employer information

Employer: Centre for Engineering Research and Testing (CERT), University of Macau
 Website: <http://www.fst.umac.mo/cert/web/aboutus.html>
 Working place: CERT, University of Macau
 Nearest international airport: Macau International Airport
 Nearest public transport: Taxi
 Business or products: Civil construction research, quality assurance, testing, building assessment and structural monitoring, etc.
 Number of employees: 700
 Working hours per week: 40
 Official responsible: contact IAESTE China/Macao SAR
 Daily working hours: 8

Student required

Faculty: Engineering
 Language required for training:
 (1=excellent, 2=good, 3=fair)
 Specialization: Civil Engineering, Structural, Geotechnical, Construction Material
 English: 2

Study level: ☐ Beginning:
☒ Middle:
☐ End:

Other requirements:

- General engineering knowledge, laboratory testing experience, basic engineering computing skill.
- Knowledge in engineering instrumentation.

Previous training required: ☒ Yes ☐ No

Work offered

Kind of work:

- Engineer trainee
- 1. Structural material tests;
- 2. Soil test;
- 3. Data analysis;
- 4. Drawing;
- 5. Reporting writing, etc.

Categories:

Research and development	D	☐
Professional	P	☒
Working environment	W	☐
Non specific	X	☐

Number of weeks offered:

min: 6

max: 8

Within the months: August to November 2016

Gross pay : MOP 5,500 per month

Deduction to be expected: 0 %

Accommodation

Lodging will be arranged by: IAESTE China/ Macao SAR

Estimated cost of lodgings per month: Provided by IAESTE China/ Macao SAR

Canteen facilities available at work: ☐ Yes ☒ No

Estimated cost of living incl. lodging per month: MOP4,000

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PLEASE SEND NOMINATION BY: ☒ EMAIL or ☒ HARD COPY

NUMBER OF HARD COPIES: 2

Deadline for nomination: 31 March 2016

Date: 9 January 2016

On behalf of receiving country:

IAESTE China/ Macao SAR



at
University of Macau
 澳門大學



IAESTE United States

WORK OFFER

Ref. No.

US-2016-88015

Employer Information

Employer:

Carnegie Mellon University - CYLAB - Visual Intelligence Studio
(VIS)
440 Park Avenue South, 2nd Floor

10016 Pittsburgh
Pennsylvania
United States

Website:

<http://cmu.edu/vis>

Location of placement:

Pittsburgh

Number of employees:

4816

Working hours per week:

40

Working hours per day:

8

Business or products: University

Student Required

Field of Studies:

Electrical Engineering

Study Level:

End (7 or more semesters)

Specialization:

" Computer Science,
Computer Engineering "

Language required:

English excellent

Other requirements:

Strong math skills

Work Offered

Work description:

The intern will maintain focus on programming and system implementation of the intelligent video analytic systems. The work includes converting technical concepts and models into software and integrated systems including object segmentation and classification models, real-time video processing, detecting object speed and directions, and video stitching and mosaic algorithms.

Number of weeks offered: 26 - 26

Within the months: 01-APR-2016 to 01-OCT-2016

Or within:

Holidays:

Working environment: Office Work

Gross pay: 1600.00 USD monthly

Deduction to be expected: 15-20

Accommodation

Lodging will be arranged by: Trainee

Estimated cost of lodging: 600.00 USD monthly

Estimated cost of living: 1580.00 USD monthly

Additional information

Student expected to begin in early April.

Nomination information

Deadline for nomination: 01-MAR-2016

Please send nominations by IntraWeb

Date: 16-JAN-2016

On behalf of receiving country: Dan Ewert

**WORK OFFERED**

Form "O"

IAESTE Sverige, Chalmers tekniska högskola
412 96 Göteborg, SWEDEN

Ref.No:SE-2016-38

Employer	Volvo Car Corporation	Official responsible (HR):	Johan Ljungberg
	S-405 31	Website:	http://volvocars.com/
		Working place:	Gothenburg
		Nearest Airport:	
Business	Passenger car manufacturing	Nearest public transport:	Bus
		Number of employees:	27000
		Working hours / week:	40.00
		Daily working hours:	8.00

Student required**Faculty:**

- Electrical Engineering
- Engineering Physics
- Mechanical Engineering
- Mechatronics

Language(s) required for training:

English [Excellent]

Other requirements:

Knowledge in MATLAB, Simulink, Stateflow and VBA.

Specialization:

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Study level:

- End (7 or more Semesters)
- Graduation thesis

Prev. training required: No**Work offered****Kind of work:**

VSIm is a MATLAB/Simulink based in-house developed tool used for fuel economy simulations within R&D. We are continuously improving this tool - usability and supporting this process will be the trainee's main task. Work tasks may include developing tools for standardized analysis (plots/graphs), improving models (physics, logics, structure) and correlation towards physical tests.

Categories:

Research & Development (D)

Number of weeks offered:**min.:** 20**max.:** 25**Within the period:****from:** 2016-06-01**until:** 2016-12-31**Gross pay / Month:** SEK18200.00**Deduction (expected):** 20%**Other conditions:**

The student will have advice/supervision all along his/hers work, but it is also expected that he or she can work independently. The salary is depending on the student's age.

Additional information

Lodging arranged by: IAESTE	Estim. cost of lodging / Month: 4500.00
Canteen facilities available at company: Yes	Estim. cost of living & lodging / Month: 9000.00
Student has Internet access at company: Yes	
FOR OFFICIAL USE ONLY:	Date: 2016-01-21
Deadline for nomination: 2016-03-15	On behalf of receiving country:
Please send nominations by: E-mail	