



IAESTE POLAND

WORK OFFER

Ref. No. PL-2020-PLO014

Employer information

<i>Employer:</i>	Department of Microelectronics and Computer Science - TUL Al. Politechniki 11 Lodz 93-590 Poland	<i>Website:</i>	www.dmcs.p.lodz.pl
		<i>Location of placement:</i>	Lodz
		<i>Nearest airport:</i>	Lodz (LCJ) or Warszawa (WAW/WMI)
<i>Number of employees:</i>	34	<i>Working hours per week:</i>	35.0
<i>Business or products:</i>	Research institute	<i>Working hours per day:</i>	7.0

Student Required

<i>General Discipline:</i>	14C - ELECTRICAL AND ELECTRONICS ENGINEERING	<i>Completed years of study:</i>	3
<i>Field of Study:</i>	14.1001 - Electrical and Electronics Engineering 14C - ELECTRICAL AND ELECTRONICS ENGINEERING 14.1099 - Electrical, Electronics and Communications Engineering, Other	<i>Student status requirements:</i>	Required during the whole period of the internship
		<i>Language required:</i>	English Good

Required Knowledge and Experiences:

Student from Japan, China or Hong Kong preferred.

Other requirements:

Work offered

The training will concern one of the currently running projects in the field of:

- design and modeling of integrated circuits,
- synthesis of modern Application Specific Integrated Circuits (ASICs) using Hardware Description Languages (HDL),
- thermal and electro-thermal simulation of power semiconductor devices, VLSI circuits and other
- infrared thermography,
- design and modelling of modern power devices and integrated circuits,
- switched-mode power converters and solar energy,
- design of reprogrammable FPGA and CPLD circuits, - neural and probabilistic networks,
- design of Micro-Electro-Mechanical Systems (MEMS) using VHDL-AVS,
- theory of switched-capacitor circuits

Kind of job depends on a student's skills.

Co-worker

<i>Number of weeks offered:</i>	6 - 8	<i>Working environment:</i>	Research and Development
<i>Within the months:</i>	15-Jun-2020 - 02-Aug-2020	<i>Gross pay:</i>	850.00 PLN / per month
<i>Or within:</i>	07-Sep-2020 - 06-Nov-2020	<i>Deduction to be expected:</i>	0%
<i>Company closed within:</i>		<i>Payment method / frequency:</i>	cash / monthly

Accommodation

<i>Canteen at work:</i>	No	<i>Estimated cost of lodging:</i>	0.00 PLN / per month
<i>Expected type of accommodation:</i>	Student dormitory	<i>Estimated cost of living incl. lodging:</i>	800.00 PLN / per month
<i>Accommodation will be arranged by:</i>	IAESTE		

Nomination Information

Deadline for nomination: 15-Mar-2020

Date: 11-Jan-2020 On behalf of receiving country: Kinga Urbanek



Kinga Urbanek