



IAESTE Sweden®

IAESTE – Job catalogue 2010

Botswana (B2010/02)

Employer	Flame Power Ltd
Working place	Gaborone
Business	Video and TV-advertising. Media management and Graphic Design.
Study field(s)	Computer science
Study level	End
Specialization	Electronic media, computer graphics, software programming
Languages	English excellent (required)
Work offered	Trainee will be assigned to an engineering team that implements village electrification. The position at Flame Power Multimedia a TV/Video and Multimedia Company will involve specialization in but not limited to production of: -television programmes (documentary, childrens' programmes, magazine shows) -2D & 3D Animations and Graphics -TV Commercial Production -Below-the-line (Advertising/Graphic Design) -Online Media (website, cdrom design etc TOOLS - Adobe Products (Premiere, Photoshop, Illustrator, indesign etc) -Final Cut Pro -3D Studio Max
Duration	12 - 24 weeks
Period	June 2010 - December 2010
Category	Professional (P)
Salary	<u>BWP</u> 4500 per month
Other requirements	Marketing skills. Public relations. Pref some previous experience, but not essential.
Category	Professional (P)
Salary	<u>BRL</u> 960 per month
Other requirements	Previous training desirable.

Canada (CA 030/10)

Employer	CMC Microsystems
Working place	Kingston, Ontario
Business	Processing of microsystems prototypes.
Study field(s)	Computer science, Electrical Engineering
Study level	End
Specialization	
Languages	English good (required)
Work offered	<p>Student should have either completed or be working towards a M.Sc. degree. - IC Design background; Experience with IC CAD tools such as Cadence, Synopsys, Agilent, Mentor; Interest in working with CMC for 5-6 months, with potential extension to one year term. Tasks: Testing design-kit-supported methodologies for different CMOS technologies. Creating simple reference designs and instructional materials for methodology demonstration. Information from the employer: I am looking for a student who can undertake some embedded software programming to create a demonstration application and associated support and training materials for a small, custom, wireless sensor device. This is a relatively new area for CMC so we expect the student will encounter difficulties in the process resulting in advice on how to improve the hardware and software development environment. We need an individual with embedded software programming aptitude and coursework, and experience. The individual would be comfortable with assembly programming as well as programming in C or similar language. He or she would have knowledge of computer hardware and embedded software. The target hardware is under development, in a state of change, and described below. The individual would work with a team at CMC that includes an embedded software engineer and one or two other individuals. The results of the work will be used by graduate students in universities in Canada. More information about the work offered is available at the Swedish IAESTE-office. Please email Sweden@iaeste.org and we will send it. When asking for more info. please state: "Ref no CA 030/10"</p>
Duration	20 - 52 weeks
Period	April 2010 - June 2011
Category	Research & Development (D)
Salary	<u>CAD</u> 20 per hour
Other conditions	Deduction: 5-10 % if less than 183 days. 30 % for longer work terms. Lodging arrangements will be assisted by IAESTE.
Other requirements	Minimum of Master's in progress, or Master's degree completed. Good academic standing.

France (FR Dream on 1)

Employer	DREAM ON
Working place	Paris
Business	Advertising & Branding Agency
Study field(s)	Media Studies
Study level	End, Graduation Thesis
Specialization	Graphic Design
Languages	French good (required)
Work offered	<p>The Paris-based agency DREAM ON is looking for mid- or long term interns. We're a mid-size creative agency working on print-, multimedia and animated projects. Our international clientele wants global solutions for their communication and our staff reflects that. Graphic designers in their last year or graduates who want to spend some time abroad. You should have:</p> <ul style="list-style-type: none">- the ambition and the desire to work in a growing agency and apply yourself hands-on. Our interns are no coffee-cookers or phone-answers! Be ready to handle a variety of projects in print and/or animation (advertising, TV-branding, publishing etc.) under the guidance of our award-winning art-directors while bringing your personal culture to the table.- the maturity and curiosity to cope with living in a cosmopolitan city like Paris and to integrate yourself in a welcoming environment as is DREAM ON.- some notions of French, though we've done without in the past and it worked just fine, as you'll learn fast, however good English is mandatory. See www.dream-on.fr for more information.
Duration	8 - 72 weeks
Period	2009-12-01 - 2010-12-31
Category	Professional (P)
Salary	<u>EUR</u> 398 per month
Other conditions	Information about cost and living will be provided later. In case of 3 months training or longer the student might be able to get scholarship from the Erasmus programme.

Iran (IR-2010-133)

Employer	Thin Film Research Lab., Nanoelectronic Center, University of Tehran
Working place	Tehran
Business	Research and Education in Photovoltaic (PV) Systems.
Study field(s)	Electrical Engineering
Study level	End
Specialization	Thin film
Languages	English good (required)
Work offered	The student will be involved in working on measurement of specification of PV cell. Also, to calibrate the diffusion furnace and metallization. Finally the trainee will be asked to provide a final essay based on the gained experiences.
Duration	8 - 10 weeks
Period	2010-07-10 - 2010-09-30
Category	Research & Development (D)
Salary	<u>IRR</u> 2000000 per month
Other requirements	Basic knowledge of electronics
Salary	<u>EUR</u> 300 per month
Other requirements	Should be near end of study to benefit from the experience. Portfolio of architectural work must be submitted with nomination.
Salary	<u>NIS</u> 2800 per month

Nigeria (NG/UB/10/20)

Employer	Energy Centre - UNIBEN
Working place	Benin City
Business	Research Institute
Study field(s)	Biotechnology
Study level	Beginning, Middle, End, Graduation Thesis
Specialization	Bio-energy
Languages	English excellent (required)
Work offered	Plant synthetic biology to understand and alter plant polymer/cell wall chemistry, biochemistry, cell biology and circuitry that controls the synthesis and deposition of these polymers. Systems or synthetic biology to understand, computationally model, identify or improve microbial processes for conversion of plant biomass or other renewable resources into fuels.
Duration	12 - 24 weeks
Period	2010-05-01 - 2010-11-30
Category	Professional (P)
Salary	<u>NGN</u> 30000 per month
Scholarship	3000 SEK

Romania (RO-22/10)

Employer	S.C. M Design Com S.R.L.
Working place	Bucharest
Business	Architecture, Urbanism, Landscape.
Study field(s)	Architecture, Landscape Planning, Urban planning
Study level	Middle, End
Specialization	Architecture, Urbanism, Landscape
Languages	English excellent (required)
Work offered	Architectural, Urban and Landscape Design
Duration	6 - 8 weeks
Period	2010-06-01 - 2010-08-31
Category	Professional (P)
Salary	<u>ROL</u> 1200 per month
Other requirements	Autocad 2000
Category	Professional (P)
Salary	<u>YUM</u> 17000 per month
Other requirements	AutoCAD
Duration	4 - 12 weeks
Period	January 2010 - December 2010
Category	Research & Development (D)
Salary	<u>KRW</u> 1000000 per month
Other requirements	Good English or Good Korean

Switzerland (CH/2010/50)

Employer	ARTORG Center for Computer-Aided Surgery
Working place	Bern
Business	Medical devices.
Study field(s)	Computer science
Study level	End
Specialization	
Languages	English good (required)
Work offered	The ARTORG Center for Computer-Aided Surgery is currently developing a surgical navigation system to be used in liver surgery. The first version of the system has been completed and showed its benefit in several surgeries. The current research aims for system improvement and functionality enhancement. The student will implement software modules for specific problems in liver surgery and perform tests in collaboration with surgeons in Switzerland and Germany.
Duration	43 - 52 weeks
Period	April 2010 - May 2011
Category	Research & Development (D)
Salary	<u>CHF</u> 2000 per month
Other requirements	C++ programming, interest in medical imaging devices.

Uk (UK/10/102/13)

Employer	Imperial College London
Working place	London
Business	Research and Education.
Study field(s)	Physics
Study level	End
Specialization	Plasma Physics
Languages	English excellent (required)
Work offered	Research placement/project. To find out more about the research activity in the department, visit: http://www.imperial.ac.uk/research/photonics and http://www3.imperial.ac.uk/plasmaphysics
Duration	8 - 8 weeks
Period	2010-06-28 - 2010-09-24
Category	Research & Development (D)
Salary	<u>GBP</u> 480 per month
Other requirements	Lab-based research experience preferable. Must be excellent student with very good academic standing. Master level.

Usa (US 2010-79235)

Employer	Carnegie Mellon University
Working place	Pittsburg
Business	University
Study field(s)	Computer Studies, Computer science, Electrical Engineering, Electronics
Study level	End
Specialization	Software programming, math skills
Languages	English excellent (required)
Work offered	Practical training in developing software for research projects. Student will be programming in C/C++, java and matrix computing.
Duration	52 - 52 weeks
Period	2010-06-01 - 2011-06-01
Category	Research & Development (D)
Salary	<u>USD</u> 1600 per month
Other conditions	Student could also be from study field Communications Engineering.

2010-03-19

Vietnam (VN/TNV/10/05/04)

Employer	TT-As Architecture construction Joint stock company
Working place	Ha Noi
Business	Construction and architecture consultancy
Study field(s)	Architecture
Study level	End
Specialization	Architecture, Planning
Languages	English good (required)
Work offered	Interior design, architectural design and planning.
Duration	12 - 24 weeks
Period	February 2010 - December 2010
Category	Professional (P)
Salary	<u>VND</u> 2000000 per month
Other requirements	Laptop is a must.