

Προς: Ακαδ. Υπευθύνους Erasmus  
Γραμματείες Τμημάτων  
Κοιν.: Πρόεδρο ΔΕ  
Γραμματέα ΑΣΠΑΙΤΕ  
Αριθ. Πρωτ.: ΕΡ/1897/27.07.15

Για την ενημέρωση των ενδιαφερομένων.

Μαρία Καντωνίδου  
Ιδρυματική Υπεύθυνη Erasmus

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**Από:** Elina Mavrogiorgou <elinamav@iky.gr>

**Στάλθηκε:** Πέμπτη, 23 Ιουλίου 2015 10:35 πμ

**Προς:**

**Θέμα:** Προσφορά 2 θέσεων πρακτικής άσκησης για Προγραμματιστές στο Βερολίνο

Αγαπητοί συνεργάτες,

Σας προωθούμε 2 θέσεις πρακτικής άσκησης για φοιτητές στον τομέα της Πληροφορικής σε start up εταιρεία ελληνικών συμφερόντων που εδρεύει στο Βερολίνο. Περισσότερες πληροφορίες θα βρείτε στα συνημμένα αρχεία. Παρακαλούμε να ενημερώσετε σχετικά τους φοιτητές σας.

Με φιλικούς χαιρετισμούς,

**Ελίνα Μαυρογιώργου**

**IKY/ Εθνική Μονάδα Erasmus+ | Ανώτατη Εκπαίδευση**

Υπεύθυνη για Στρατηγικές Συμπράξεις, Ομίλους Κινητικότητας & Πρακτική Άσκηση, σημείο επαφής για τις Συμμαχίες Γνώσης

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**Elina Mavrogiorgou**

**IKY/ Hellenic Erasmus+ National Agency | Higher Education**

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**From:** Ioannis Relakis [<mailto:relakis@factor-e.eu>]

**Sent:** Wednesday, July 22, 2015 6:56 PM

**To:** 'Elina Mavrogiorgou'

**Subject:** RE: πληροφορίες για την πρακτική άσκηση στο πλαίσιο του Προγράμματος ERASMUS+ Σύμβαση

Αγαπητή κα. Μαυρογιώργου,

Σας επισυνάπτω το Placement offer συμπληρωμένο και σκαναρισμένο όπως και τις περιγραφές των θέσεων που προσφέρουμε.

Είμαι στη διάθεσή σας για οποιαδήποτε διευκρίνιση.

Με εκτίμηση,

Ioannis Relakis

Factor-E Analytics  
AM1, Hardenbergstr. 38,  
DE-10623 Berlin  
Mobile: +49 (0) 160 93803103  
Tel.: +49 (0) 30 314 78 714  
Fax: +49 (0) 30 314 24 087  
E-Mail: [relakis@factor-e.eu](mailto:relakis@factor-e.eu)

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# Intern

## as a backend developer

(m/f, full-time, Berlin)

**FACTOR-E** | ANALYTICS

We want to revolutionize the manufacturing industry by making Internet of Things easy and accessible. Do you want to help build our new product from scratch as part of an international team? Join our TU-Berlin startup that brings Big Data and streaming analytics to manufacturing facilities and at the same time saves energy!

Factor-E Analytics interconnects production equipment using smart sensors, collects energy data continuously and streams it to our software-platform in the cloud. By analyzing the data and deriving improvement measures in real-time, we offer our clients new ways of optimizing their production processes and boosting their energy efficiency.

### Your tasks:

- Implement functions of the backend
- Support the team in development tasks
- Contribute ideas for the improvement of the overall solution

### Your profile

- Ongoing or Completed Computer Science (BSc or MSc) or a related technical discipline
- Experience in server side software development using Python and Django
- Exposure to the REST architecture style
- A good understanding of databases like PostgreSQL
- Some exposure to JavaScript, HTML and CSS is a plus
- You should be able to work independently and provide some proof of practical experience (previous projects during an internship or a GitHub repository)

### What we offer

- Challenging and cutting-edge development opportunities
- An office in the heart of Berlin (at the Centre of Entrepreneurship of the TU Berlin), surrounded by other startups
- An open, young and ambitious team
- Possibility to join our team on a permanent basis
- Flat hierarchies with high responsibility
- Flexible working hours and home office possibilities

If you are interested in applying for this position, please send your documents in German or English to **team@factor-e.eu**. We are looking forward to hearing from you!

Gefördert durch:



Bundesministerium  
für Wirtschaft  
und Energie



EUROPÄISCHE UNION

aufgrund eines Beschlusses  
des Deutschen Bundestages

# Intern

## as a frontend developer

(m/f, full-time, Berlin)

**FACTOR-E** | ANALYTICS

We want to revolutionize the manufacturing industry by making Internet of Things easy and accessible. Do you want to help build our new product from scratch as part of an international team? Join our TU-Berlin startup that brings Big Data and streaming analytics to manufacturing facilities and at the same time saves energy!

Factor-E Analytics interconnects production equipment using smart sensors, collects energy data continuously and streams it to our software-platform in the cloud. By analyzing the data and deriving improvement measures in real-time, we offer our clients new ways of optimizing their production processes and boosting their energy efficiency.

### Your tasks:

- Design user-friendly UIs and add functionalities to the frontend
- Support the team in development tasks
- Contribute ideas for the improvement of the overall solution

### Your profile

- Ongoing or Completed Computer Science (BSc or MSc) or a related technical discipline
- Experience in UI design using JavaScript and related libraries like jQuery, Chart.js, Bootstrap.js
- Exposure to AJAX, HTML and CSS (preferably HTML5 and CSS3)
- A good sense of aesthetics
- Some exposure to Python, Django or PostgreSQL is a plus
- You should be able to work independently and provide some proof of practical experience (previous projects during an internship or a GitHub repository)

### What we offer

- Challenging and cutting-edge development opportunities
- An office in the heart of Berlin (at the Centre of Entrepreneurship of the TU Berlin), surrounded by other startups
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aufgrund eines Beschlusses  
des Deutschen Bundestages



Erasmus+

## ERASMUS Placement Offer Form

EMPLOYER INFORMATION	
Name of Organization	Factor-E Analytics
Address	Hardenbergstr. 38
Postal Code	10623
City	Berlin
Country	Deutschland
Telephone	+49 30 314 78 714
Fax	+49 30 314 24 087
PIC NUMBER	926453306
e-mail	team@factor-e.eu
Website	www.factor-e.eu
Number of Employees	6
Year of Foundation	2015
Contact Person	Ioannis Relakis
Department/Function	Product Manager
Direct Telephone Number	+49 30 314 78 714
Direct Mobile	+49 160 93 803 103



Direct e-mail address	relakis@factor-e.eu
Short Description of the Company (Please attach profile of your company, max 1 page)	Please find attached
Other	

PLACEMENT INFORMATION	
Number of positions offered for student placement	2
In the Department/Function (where the position is offered)	Software development
Description of activities the student will be involved in	Frontend development / Backend development
Duration	3-6 months
Working Hours/Weekly Hours	40 hours / week
City	Berlin
Help with finding Accommodation	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Financial Contribution	<input checked="" type="checkbox"/> Yes 250 € <input type="checkbox"/> No
Other	
REQUIREMENTS	
Study Field	(Please choose a field/s from Table A: pages 3, 4, 5 & 6 of this form)
Oral and Written Language Skills	<input type="checkbox"/> Greek (level: ) <input checked="" type="checkbox"/> English (level: min. C1) <input type="checkbox"/> French (level: ) <input type="checkbox"/> German (level: ) <input type="checkbox"/> Other (level: )
Computer Skills	Advanced
Drivers license	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Other	

Place Berlin Date 22.07.15

Signature 

## Table A - Fields of Education & Training

X	Description
	<b>General Programmes</b>
	<b>Basic/broad, general programmes</b>
	Basic/broad, general programmes
	<b>Literacy and numeracy</b>
	Literacy and numeracy
	<b>Personal skills</b>
	Personal skills
	<b>Education</b>
	<b>Teacher training and education science</b>
	Teacher training and education science (broad programmes)
	Teaching and training
	Education science
	Training for pre-school teachers
	Training for teachers at basic levels
	Training for teachers with subject specialisation
	Training for teachers of vocational subjects
	Teacher training and education science (others)
	<b>Humanities and Arts</b>
	<b>Arts</b>
	Arts (broad programmes)
	Fine arts
	Music and performing arts
	Audio-visual techniques and media production
	Design
	Craft skills
	Arts (others)
	<b>Humanities</b>
	Humanities (broad programmes)
	Religion
	Foreign languages
	Mother tongue
	History and archaeology
	Philosophy and ethics
	Humanities (others)
	<b>Social sciences, Business and Law</b>
	<b>Social and behavioural science</b>
	Social and behavioural science (broad programmes)
	Psychology
	Sociology and cultural studies
	Political science and civics
	Economics
	Social and behavioural science (others)
	<b>Journalism and information</b>
	Journalism and reporting
	Library, information, archive



	Journalism and information (others)
	<b>Business and administration</b>
	Business and administration (broad programmes)
	Wholesale and retail sales
	Marketing and advertising
	Finance, banking, insurance
	Accounting and taxation
	Management and administration
	Secretarial and office work
	Working life
	Business and administration (others)
	<b>Law</b>
	Law
	<b>Science, Mathematics and Computing</b>
	<b>Life science</b>
	Biology and biochemistry
	Environmental science
	Life science (others)
	<b>Physical science</b>
	Physical science (broad programmes)
	Physics
	Chemistry
	Earth science
	Physical science (others)
	<b>Mathematics and statistics</b>
	Mathematics
	Statistics
	Mathematics (others)
	<b>Computing</b>
✕	Computer science
	Computer use
	Computing (others)
	<b>Engineering, Manufacturing and Construction</b>
	<b>Engineering and engineering trades</b>
	Engineering and engineering trades (broad programmes)
	Mechanics and metal work
	Electricity and energy
	Electronics and automation
	Chemical and process
	Motor vehicles, ships and aircraft
	Engineering and engineering trades (others)
	<b>Manufacturing and processing</b>
	Manufacturing and processing (broad programmes)
	Food processing
	Textiles, clothes, footwear, leather
	Materials (wood, paper, plastic, glass)
	Mining and extraction
	Manufacturing and processing (other)
	<b>Architecture and building</b>
	Architecture and town planning



	Building and civil engineering
	Architecture and building (others)
	<b>Agriculture and Veterinary</b>
	<b>Agriculture, forestry and fishery</b>
	Agriculture, forestry and fishery (broad programmes)
	Crop and livestock production
	Horticulture
	Forestry
	Fisheries
	Agriculture, forestry and fishery (others)
	<b>Veterinary</b>
	Veterinary
	<b>Health and Welfare</b>
	<b>Health</b>
	Health (broad programmes)
	Medicine
	Nursing and caring
	Dental studies
	Medical diagnostic and treatment technology
	Therapy and rehabilitation
	Pharmacy
	Health (others)
	<b>Social services</b>
	Child care and youth services
	Social work and counselling
	Social services (others)
	<b>Services</b>
	<b>Personal services</b>
	Personal services (broad programmes)
	Hotel, restaurant and catering
	Travel, tourism and leisure
	Sports
	Domestic services
	Hair and beauty services
	Personal services (others)
	<b>Transport services</b>
	Transport services
	<b>Environmental protection</b>
	Environmental protection (broad programmes)
	Environmental protection technology
	Natural environments and wildlife
	Community sanitation services
	Environmental protection (others)
	<b>Security services</b>
	Security services (broad programmes)
	Protection of persons and property
	Occupational health and safety
	Military and defence
	Security services (others)
	<b>Other (please list)</b>