

Intern

as a frontend developer

(m/f, full-time, Berlin)



We want to revolutionize the manufacturing industry by making Internet of Things easy and accessible. Join us if you want to help us develop our product as part of an international, open and ambitious team!

Factor-E Analytics digitizes production equipment regardless of type and age by measuring and analyzing electrical power data continuously. Based on streaming analytics and machine learning techniques, our system can calculate real-time productivity, energy and equipment health related indicators to support organizational, technical and business decisions on all levels of the factory hierarchy.

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
- 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!



Microsoft Ventures



Intern

as a backend developer

(m/f, full-time, Berlin)



We want to revolutionize the manufacturing industry by making Internet of Things easy and accessible. Join us if you want to help us develop our product as part of an international, open and ambitious team!

Factor-E Analytics digitizes production equipment regardless of type and age by measuring and analyzing electrical power data continuously. Based on streaming analytics and machine learning techniques, our system can calculate real-time productivity, energy and equipment health related indicators to support organizational, technical and business decisions on all levels of the factory hierarchy.

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 in the Microsoft Ventures accelerator, 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



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)	(see attached internship ad)
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	(see attached internship ad)
Duration	3-6 months
Working Hours/Weekly Hours	40 hours / week
City	Berlin
Help with finding Accommodation	☒ Yes ☐ No
Financial Contribution	☒ Yes 250 € ☐ 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	☐ Greek (level:) ☒ English (level: min. C1) ☐ French (level:) ☐ German (level:) ☐ Other (level:)
Computer Skills	Advanced
Drivers license	☐ Yes ☒ No
Other	

Place Berlin Date 13.4.16

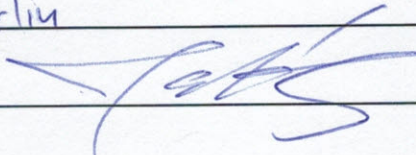
Signature 

Table A - Fields of Education & Training

X	Description
	General Programmes
	Basic/broad, general programmes
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	Literacy and numeracy
	Literacy and numeracy
	Personal skills
	Personal skills
	Education
	Teacher training and education science
	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)
	Humanities and Arts
	Arts
	Arts (broad programmes)
	Fine arts
	Music and performing arts
	Audio-visual techniques and media production
	Design
	Craft skills
	Arts (others)
	Humanities
	Humanities (broad programmes)
	Religion
	Foreign languages
	Mother tongue
	History and archaeology
	Philosophy and ethics
	Humanities (others)
	Social sciences, Business and Law
	Social and behavioural science
	Social and behavioural science (broad programmes)
	Psychology
	Sociology and cultural studies
	Political science and civics
	Economics
	Social and behavioural science (others)
	Journalism and information
	Journalism and reporting
	Library, information, archive

	Journalism and information (others)
	Business and administration
	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)
	Law
	Law
	Science, Mathematics and Computing
	Life science
	Biology and biochemistry
	Environmental science
	Life science (others)
	Physical science
	Physical science (broad programmes)
	Physics
	Chemistry
	Earth science
	Physical science (others)
	Mathematics and statistics
	Mathematics
	Statistics
	Mathematics (others)
	Computing
x	Computer science
	Computer use
	Computing (others)
	Engineering, Manufacturing and Construction
	Engineering and engineering trades
	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)
	Manufacturing and processing
	Manufacturing and processing (broad programmes)
	Food processing
	Textiles, clothes, footwear, leather
	Materials (wood, paper, plastic, glass)
	Mining and extraction
	Manufacturing and processing (other)
	Architecture and building
	Architecture and town planning

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

