INFORMATIK, MATHE

Country	Type of study	Type of host organization	Job description	Technical skills	Language skills	Other skills	Accommodation	Duration	Application requirements
Belgium	International Management, Wirtschaftsingenieurwesen, Maschinenbau, IT	Automobilhersteller	Praktika u. a. in den Abteilungen: Logistik, Controlling, IT, Produktion, Vorseriencenter, Rechtswesen. Nähere Informationen auf unserer Homepage.						Aktuelle Angebote und Informationen zum Bewerbungsverfahren direkt über die Homepage.
Belgium	Mathematics, Statistics, Biostatistics, Data Science	Pharma Company	Analyse real data, industrial and applied statistics, statistical methodology, software development (R package or Shiny app), perform statistical analyses, e.g. mixed models, statistical intervals (prediction or tolerance intervals), measurement errors, linear and non-linear regression, Bayesian statistics, multivariate statistics, machine learning and AI, bioinformatics, design of experiments, sample size determination, probability to be out of specifications, accuracy profiles.	Good understanding and knowledge in statistics or data science; ability to write R or SAS code (with up-to-date package, help or user guide,…), interest in Shiny app or R package, R or SAS programming language (R is preferred), Python.	English	Writing knowledge		Min. 3 months full time	Cover letter, CV
Italy	Multimedia, Graphics, Computer Programming	Multimedia company (graphics, programming, 3D, animation, games)	Practical involvement in developing multimedia projects depending on the skills of the intern.	Avanced in at least one of these: graphics (Photoshop, Unity, html5), programming (php, ActionScript3), 3d (3dStudioMax, Motion Builder), multiprojection (Watchout)	English, Italian (bonus)		Assistance in finding housing		CV and some work samples
Kosovo*	Computer Science, Business Informatics (Wirtschaftsinformatik), Information Security, Economics (BWL, VWL), Marketing, Media Informatics, New Media, Social Media, Project Management	IT / Engineering Company	Software development, project management trainee, customer services, marketing, sales management, etc.	For Software Engineering: solid programming skills (any language), solid knowledge of algorithms and data structures, nice to have: design patterns, scrum, UI/UX, SOA or micro services.	Any from German, English, Albanian, Croatian	For Business Informatics: process knowledge. For Economics/ Marketing/ Sales: general economics and market knowledge. For New Media / Social Media: social platforms economics, any graphics and multimedia tools, content creation.			CV, letter of motivation
Kosovo*	Economics: Category management, IT (Cloud computing, Big Data management), Logistic Center	Supermarket Chain	Creating a successful network of trusted suppliers, creating frameworks for multiple applications, applying data to large scale distribution.		English, German, Croatian	High knowledge, innovative, able to find solutions in new situations	To be defined	Max. 3 months	CV, letter of motivation Note: Trainees must mention on the subject that they're applying for internship.
Serbia*	Social sciences (i.e. political science, sociology, media science), Statistics, Computer Science (i.e. information systems, data science)	NGO	Development of research methodologies, literature overview, data collection and analysis, and development of written products; design and conduction of your own research; development of possible scenarios for applying research findings in real life; support team members in project implementation; participation in CRTA initiatives.	Excellent computer and writing skills	English	Curiosity, self-motivation, analytical and critical thinking, team play, Interdisciplinary orientation, drive for activism would be an ad-vantage		3 - 6 months	Final year of studies or graduate students; interdisciplinary orientation, interest in socially-engaged research and/or working on the ground (participating in democratic processes as observer); CV and Application letter

Country	Field of Study	Type of Institution	Description	Required Knowledge	Language	Additional Skills	Accommodation	Duration	Application
Serbia*	IT related field (minimum BA)	German / international publishing company for school books	Frontend development: programming of content for digital textbooks, upgrading existing software solutions, debugging of existing content, maintenance and updating our website, administration of databases.	Knowledge of HTML, CSS and JS; basic knowledge of Adobe package is a bonus	English (B2 level)	Communication skills	Help to find accommodation		CV and Application letter
Spain	Applied Mathematics, Probability and Statistics, Mathematical Engineering, Computer Science	Governmental; Research Centre	Understanding in-house methodologies, contributing in development of computational models for drug sensitivity prediction, statistical modelling & data analysis, software implementation & engineering, collaboration with cancer researchers.	Machine Learning, Bayesian inference, Markov Chain Monte Carlo, programming in C and Matlab	English	Familiarity with Hamiltonian Monte Carlo, numerical integration, inverse problems will be an advantage.	Yes	Max. 3 months	CV, cover letter
Spain	Applied Mathematics, Numerical Analysis, Computational Physics, Computer Science	Governmental; Research Centre	Understanding in-house methodologies, development of new integration schemes, software implementation (GROMACS), application to simulation of battery materials, collaboration with experts in numerical analysis and materials sciences.	Knowledge of Hamiltonian dynamics, numerical integration, programming in C	English	Familiarity with molecular dynamics, Monte Carlo, Hamiltonian Monte Carlo will be an advantage.	Yes	Max. 3 months	CV, cover letter
Spain	Computer Science, Mathematics, Informatics,	Social Enterprise / Media Platform	The field of work is very flexible and can vary depending on the context. There should be possibilities for bachelor's, master's, and even PHD projects. In general the trainee will be part of the software engineering department and work closely with the rest of the team to solve business problems.	Programming, web applications, machine learning	English (fluent), Spanish (optional)		Limited support to find offers.	6 months	none
Spain	Computer Science, Engineering	University	Numerical modelling of Additive Manufacturing processes. Application to plastic, metallic and concrete materials. Numerical analysis, sensitivity analysis, constitutive modelling, FE technologies.	Fortran 2008 programming skill, continuum and computational mechanics, FE method	Advanced spoken and written English (B2)	Python programming skill, MATLAB,		3 month minimum stay	Candidates must be enrolled in the last year of the master or within the PhD programme.

*Die Praktikumsangebote beruhen nicht auf Erfahrungswerten, d.h. es war bisher noch keiner unserer Studierenden dort.