UPgrading the SKILLS of Linguistics and Language Students

Why

Growing gap between the knowledge and skills acquired at universities and those required by the labour market, e.g.
- Analysis and handling of large data collections
- Knowledge of programming languages
- Design, evaluate and adapt AI systems to the needs of new registers, styles and languages
- Project management

How

Needs analysis
- A survey of curricula
- A literature review (institutional, academic, professional)
- A corpus-based analysis of job advertisements
- A questionnaire for the language industry
- Interviews with industry representatives

Reports available at https://upskillsproject.eu/io1/

Language data and project specialist
- knowledge, skills and competences

DISCIPLINARY
- Knowledge of specific languages
- Ability to conduct linguistic analysis
- Translation, interpreting, post-editing, localisation

INTERNATIONAL
- Awareness of specific cultural contexts and cultural differences
- Cultural agility

TRANSVERSAL
- Creative and innovative thinking
- Problem-solving skills
- Presentation skills
- Writing for different audiences

DATA-ORIENTED
- Ability to collect, manage, curate, analyse language data
- Knowledge of statistics
- Familiarity with data standards

RESEARCH-ORIENTED
- Knowledge of research design
- Analytical, logical and hypothetical thinking
- Accessing and processing information critically

TECHNICAL
- Understanding and use of language technologies and resources
- Understanding of computational linguistics
- Knowledge of a programming language

ORGANISATIONAL
- Entrepreneurship
- Project management
- Quality control
- Planning
- Teamwork

Key features of the learning/teaching materials

Format:
- Modular Moodle unit blocks intended for use by lecturers
- Incorporation of contents into educational games

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Dissemination:
- Digital Humanities Course Registry
- SSH Open Marketplace

Integrating Research Infrastructure into Teaching

Introduction to Language Data: Standards and Repositories (4 ECTS)
Designers: Iulianna van der Lek & Darja Fiser
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Unit 1: Introduction to Research Infrastructures of Language Resources and Technology

Unit 2: Finding, Accessing and Using Language Resources
- Repositories, Catalogues, Resource Families, Content Search

Unit 3: Tools for Linguistic Processing, Annotation and Analysis
- Switchboard, WebLicht, Concordancers

Unit 4: Archiving and Sharing Language Resources
- Student project in collaboration with University of Bologna

CLARIN in the CLASSROOM

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