



# Edit Hlaszny, PhD

Biosystems Engineer | Semantic Web Enthusiast | Graduated Plant Biologist

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🎂 16. Sep. 1977

## Skills / Work Product Examples

- Software quality assurance, software testing [1]
- Requirements engineering [2]
- Semantic Web, Ontology [3] [4]
- Designing complex IT-based biological systems [5], [6]
- Model-based systems engineering [7], [8], [9]
- Systems biology modelling [10], [11]
- On-the-job trainings [12], [13], [14]

## Achievements in Project Management

- Managing more IT-, microbial-, and food safety-based projects simultaneously, software quality assurance, software testing
- Creating complex system design for the outsourced developer groups
- Continuous data consistency-check and reporting about antimicrobial veterinary medicine products

## Achievements in IT

- Designing and developing an OWL-2 ontology about Semantic Web
- Designing complex IT-based biological systems with Enterprise Architect
- Designing User Interfaces for highly sophisticated web-based applications, programming in Java (SE 8, JFX, Lucene, Spring Boot, SQL, Swing, Tika)
- Designing and developing requirement management systems with DITA
- Developing plant disease and pest forecasting models in SysML

### Tools

Adobe Creative Suit 6, Blisk, CorelDesigner, Cursor, Eclipse, Enterprise Architect, GitHub, ontotext GraphDB, inDesign (Adobe CS6), Jenkins, Jira, Maven, LaTeX, Microsoft 365, Microsoft SharePoint, MondayDotCom, MongoDB, MySQL + MySQL Workbench, NetBeans, oXygen, Protégé, RStudio, Redmine, Selenium, Spring Tool Suite 4.

### Detailed Work-Product List

<https://www.edithlaszny.eu/>

## Activities and Interests

- gardening
- hiking
- riding bicycle
- listen to classical music

## Professional Memberships and Social Media

- [IAOA](#)
- [Research Gate](#)
- [LinkedIn](#)
- [Facebook](#)

Százhalombatta, 19 May 2025.

## Employment

*Turing Enterprises Inc* | 2023/10- | Independent advisor (freelancer) designing and developing an ontology about Semantic Web remotely. Selected work products: [concept](#), [Java sources](#), [Javadoc](#).

*National Food Chain Safety Office* | *Systems Organization and Supervision Directorate* | 2021/01- 2023/09 | Senior Counsellor, Project Manager | Managing of outsourced IT-, microbial and food safety based projects. Selected work products: [\[a\]](#), [\[b\]](#), [\[c\]](#), [\[d\]](#) | [Reference](#) is available.

*AgrobyteX Ltd, Budapest* - 2020/09-2020/12

Plant Protection Expert and System Designer, Architect | Designing a plant monitoring and decision support system for Winter Oilseed Rape and Corn cooperated with Hungarian Chamber of Agriculture and Syngenta Hungary | Work Product: [PODS](#): A Plant Observer & Diagnostic System | Recommendation: On LinkedIn

*Puli Space Technologies, Budapest* - 2020/05-2020/08 | System designer |

Consulting and design a decision support system for vegetable growing | Recommendation: On LinkedIn

*H2020 & EU-funded projects* | *HBP (Human Brain Project)* | *Tuba Mirum Ltd Budapest*

| 2020/01-2020/09 | Java programmer and designer | Design and implementation of a preprocessing phase of extremely large volumes of PDF files several for deep learning-based natural lingual processing (NLP) | Java SE-8, Tika, Lucene

*Kinepict Health Ltd., Budapest* - 2019/03-2019/12

Java programmer and tester, requirement manager | Developing Spring Boot Web-services, requirement management. Selected work products: [\[1\]](#), [\[2\]](#)

*QuantisLabs Ltd., Budapest* - 2016/07-2018/06 | Plant protection expert, requirement

engineer, UI designer, Java programmer | Developing plant protection models, user interfaces, Java classes to data format transformations | Recommendation: On LinkedIn

*National Agricultural Research and Innovation Center, Budapest* - 2015/04- 2016/06

Ornamental Plant Department | Research Fellow | Ornamental Plant Breeding. [Reference](#) is available

*Maternity Leave* | 2012/10-2015/04

*Agricultural Administrative Office, Plant-, Soil- and Agricultural Environment Protection*

*Management, Budapest Plant Protection Department*, 2007/12- 2008/06

Food Safety Officer | Database manager of plant protection products and their residuals

*Fruit- and Ornamental Plant Research Public Benefit Organisation, Budapest* -

2002/10-2007/12 Ornamental Plant Department | Research Fellow | Breeding and propagation of annual ornamental plants and herbs

## Education

PRINCE2® 7 Project Management Courses (Foundation and Practitioner) | 6 month | 2024/01- | AXELOS JV, remote

Upskilling of Java backend programmers | Training Course | 6 month | 2018/09-2019/02 | Pragmatic Coding Academy, Budapest

In-service Continuing Java Programmers' Training | 9 month | 2016/07-2017/04 | QuantisLabs Ltd., Budapest

[PhD](#) in Horticultural Sciences (SCL), Corvinus University of Budapest | 2008-2013

MSc Horticultural Sciences, Szent Istvan University, Godollo, Graduated Horticulturist | 1997-2002

## Publications

Research Gate, conferences and professional periodicals