



# Hannelore Sebestyen

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**Gender**: Female **Date of birth**: 09/03/1992 **Nationality**: Romanian

## WORK EXPERIENCE

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[ 24/02/2025 – Current ] **University teaching assistant**

**Universitatea din Oradea**

**City**: Oradea | **Country**: Romania

- **User Interface Design**

- familiarize students with methods and techniques for designing mobile and web application interfaces
- Creating websites using basic web technologies: HTML, CSS, JavaScript

- **Designing Applications on Mobile and Web Devices**

- Creating web applications using the framework: Angular
- creating cross-platform web applications using the frameworks: Ionic, React Native
- creating native mobile applications using Kotlin, JetPack Compose

- **Software Performance Evaluation**

[ 01/12/2022 – Current ] **Software developer**

**Websprint SRL**

**City**: Oradea | **Country**: Romania

Web application development

- web application development and maintenance
- developing web interfaces using web technologies HTML, CSS, JavaScript and the Angular framework
- back-end development using ASP.net
- design and implementation of relational databases
- designing and implementing REST APIs to ensure efficient communication between back-end and front-end

Design, development and maintenance of iOS mobile applications using mobile technologies: Swift, SwiftUI, Combine, CoreData

[ 01/10/2023 – 23/02/2025 ] **University teaching assistant**

**Universitatea din Oradea - Facultatea de Inginerie Electrică și Tehnologia Informației**

**City**: Oradea | **Country**: Romania

- **User Interface Design**

- familiarize students with methods and techniques for designing mobile and web application interfaces
- Creating websites using basic web technologies: HTML, CSS, JavaScript

- **Designing Applications on Mobile and Web Devices**

- Creating web applications using the framework: Angular
- creating cross-platform web applications using the frameworks: Ionic, React Native
- creating native mobile applications using Kotlin, JetPack Compose

- **Software Performance Evaluation**

[ 01/10/2024 – 24/02/2025 ] **University teaching assistant**

## **Universitatea Creștină Partium**

**City:** Oradea | **Country:** Romania

[ 01/10/2020 – 30/11/2022 ] **Software developer**

### **Mobiversal SRL**

**City:** Oradea | **Country:** Romania

Web application development

- web application development and maintenance
- developing web interfaces using web technologies HTML, CSS, JavaScript and the Angular framework
- back-end development using ASP.net
- design and implementation of relational databases
- designing and implementing REST APIs to ensure efficient communication between back-end and front-end

Design, development and maintenance of iOS mobile applications using mobile technologies: Swift, SwiftUI, Combine, CoreData

[ 01/08/2016 – 01/03/2019 ] **Economist**

### **Cabinet de Expertiză Contabilă Mățiș Cristian**

**City:** Oradea | **Country:** Romania

Primary accounting, data entry and processing in SAGA

[ 01/11/2014 – 31/07/2016 ] **Data entry clerk**

### **Cylex Tehnologia Informației Internațional SNC**

**City:** Oradea | **Country:** Romania

- Writing simple queries in MySQL
- XPath for crawlers
- Writing regexes for data processing
- I took a beginners php course

## **EDUCATION AND TRAINING**

[ 01/10/2024 – Current ] **PhD**

### **Universitatea Politehnica din Timisoara**

**City:** Timisoara | **Country:** Romania |

[ 10/2023 – 06/2024 ] **Level II psycho-pedagogical module**

### **Universitatea din Oradea - Departamentul pentru Pregătirea Personalului Didactic**

**City:** Oradea | **Country:** Romania |

[ 10/2021 – 06/2023 ] **Master in Information Technology Management**

### **Universitatea din Oradea - Facultatea de Inginerie Electrică și Tehnologia Informației**

**City:** Oradea | **Country:** Romania | | **Level in EQF:** EQF level 7

[ 10/2021 – 06/2022 ] **Level I psycho-pedagogical module**

### **Universitatea din Oradea - Departamentul pentru Pregătirea Personalului Didactic**

**City:** Oradea | **Country:** Romania |

[ 10/2017 – 06/2021 ] **Engineering Diploma**

**Universitatea din Oradea - Facultatea de Inginerie Electrică și Tehnologia Informației**

**City:** Oradea | **Country:** Romania | | **Level in EQF:** EQF level 6

[ 10/2014 – 06/2016 ] **Master in Economics**

**Universitatea din Oradea - Facultatea de Științe Economice**

**City:** Oradea | **Country:** Romania | | **Level in EQF:** EQF level 7

[ 10/2011 – 06/2014 ] **Economist Diploma**

**Universitatea din Oradea - Facultatea de Științe Economice**

**City:** Oradea | **Country:** Romania | | **Level in EQF:** EQF level 6

[ 09/2007 – 06/2011 ] **Baccalaureate diploma**

**Colegiul Economic „Partenie Cosma”**

**City:** Oradea | **Country:** Romania | | **Level in EQF:** EQF level 5

## LANGUAGE SKILLS

**Mother tongue(s):** Hungarian

**Other language(s):**

### German

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B1

### English

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

### My Digital Skills

Microsoft Word | Microsoft Office (Excel PowerPoint Word) - nivel intermediar |  
Microsoft PowerPoint | Zoom | Google Drive

## CONFERENCES AND SEMINARS

[ 2021 ] **Student Conference, Universitatea din Oradea, Facultatea de Inginerie Electrică și Tehnologia Informației**

Oradea

Implementation of an iOS mobile application with web administration interface for online ordering

[ 2020 ] **Student Conference, Universitatea din Oradea, Facultatea de Inginerie Electrică și Tehnologia Informației**

Oradea

**Earthquake Monitoring System, authors: Ghiurău David, Magics-Verkman (Sebestyen) Hannelore**

[ 2023 ] **ICEMES** Oradea

**A Comparison of Architectural Patterns for Testability and Performance Quality for iOS Mobile Applications Development**, autori: Magics-Verkman (Sebestyen) Hannelore, Doina Rodica Zmaranda, Cornelia Aurora Győrödi, Robert-Ștefan Győrödi

## DRIVING LICENCE

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**Cars:** B

## MANAGEMENT AND LEADERSHIP SKILLS

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### Project team lead

Project management skills acquired in projects developed

## ALTE COMPETENȚE

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[ 2014 – Current ]

### Software developer

- Experience with React Native
- Experience with Ionic
- Experience with AWS (Amazon Web Service)
- Experience with WordPress - content management system
- Experience with version control system (GIT)
- Organizational skills acquired as an economist
- Presentation skills acquired as an economist
- Team work

## PUBLICATIONS

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[ 2025 ]

### A Literature Review on Security in the Internet of Things: Identifying and Analysing Critical Categories

**Reference:** Hannelore Sebestyen, Daniela Elena Popescu, Rodica Doina Zmaranda, 2025, Computers