University of Miskolc
Faculty of Mechanical Engineering and Informatics

Web Front -end Full Stack Development
N13020104

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Department of Information Technology
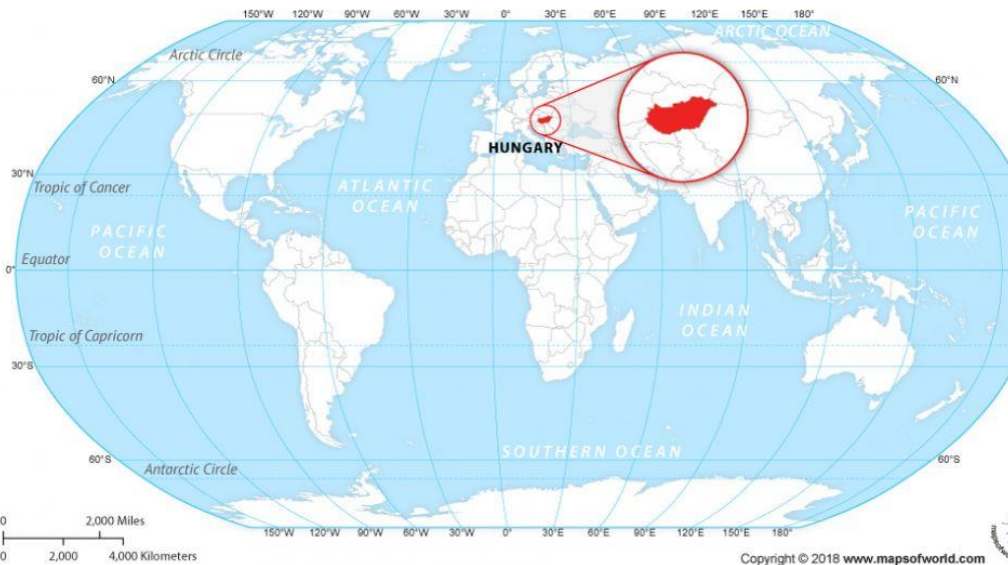University of Miskolc

2025. may 12.

About me

- **2008-2012**: **BSc. in Engineering Information Technology**, University of Miskolc

- **2012-2014**: **MSc. in Electrical Engineering**, University of Miskolc

- **2014-2017**: **PhD student**, 'József Hatvany' Doctoral School of Information Science, Department of Information Technology, University of Miskolc

- **2017-2023: assistant lecturer**, Department of Information Technology, University of Miskolc

- **2023: PhD**, *„Fuzzy rule interpolation models and their tuning methods"*, summa cum laude (100%), supervisor: Prof. Dr. Szilveszter Kovács

- **2023-recently: assistant professor**, Department of Information Technology, University of Miskolc

- Research area: machine learning, reinforcement learning, fuzzy systems

About Hungary and Miskolc

HUNGARY LOCATION MAP

- **Hungary is located in Central Europe**
  - It is a landlocked country bordered by several nations:
    - Slovakia, Ukraine, Romania, Serbia, Croatia, Slovenia, and Austria

- **Miskolc is located in the northeastern part of Hungary**
  - It is the fourth largest city in our country
  - It is situated in a mountainous area, near the Bükk Mountains

About the University of Miskolc

- **The University of Miskolc is located in the southwestern part of Miskolc, in an area called „Egyetemváros" (University Town)**
  - Our campus is situated near the Bükk Mountains, providing a scenic environment for students
  - It is easily accessible from the city centre, being only a few kilometers away, and is surrounded by green spaces, offering a peaceful atmosphere for academic activities
  - 8 Faculty, around 10000 students

Our department

- **Department of Information Technology**
  - Founded in 1989
  - Computer Science Engineering, Business Informatics, Computer Science
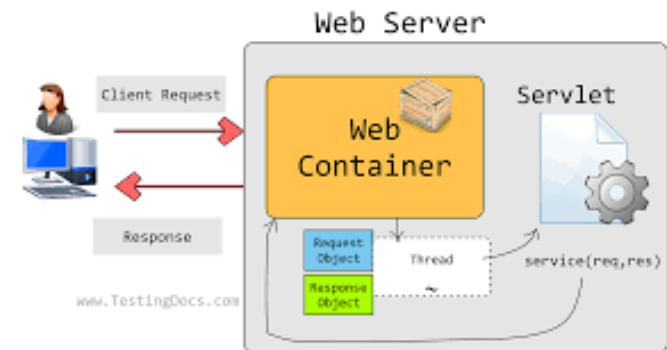 - Lots of modern labor
  - https://infi.iit.uni-miskolc.hu/
  - https://www.iit.uni-miskolc.hu/

About the course

- **Web Front -end Full Stack Development**
  - Web fundamentals, concepts
  - HTML, CSS, JavaScript
  - Vue.js
    - IDE
    - HelloWorld
    - methods
    - components
    - animations
    - transitions
    - Vue lifecycle
    - Vue router, routing
    - navigation methods
  - Vuex
    - configurations
    - API

Software requirements

- Node.js
- JDK
- Eclipse IDE for Enterprise Java and Web Developers
- VSCode
- Notepad++
- or IntelliJ
- Web browser

Recommended literature, books

- Jon Duckett - HTML & CSS: Design and Build Websites
- Jon Duckett - JavaScript and JQuery: Interactive Front-End Web Development
- David Gourley and Brian Totty - HTTP: The Definitive Guide
- Greg Lim - Beginning Vue 3 Development: Learn Vue.js 3 web development
- Simone Cuomo - Vue.js 3 for Beginners: Learn the essentials of Vue.js 3 and its ecosystem to build modern web applications
- https://vuejs.org/tutorial/#step-1
- https://www.w3schools.com/vue/
- https://www.tutorialspoint.com/vuejs/index.htm

My WeChat QR code

- I can share my WeChat QR code privately, who would like this :)

Thank you for your attention!