

# Martin MESSERSCHMIDT

## Software Engineer | Academic

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📍 Namestie Mieru 8, Detva 🇸🇰 Slovakia



My Website

## 🎓 EDUCATION

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|------|--|
| 2021 | <b>Faculty of Electrical Engineering and Informatics, 9.2.4 COMPUTER ENGINEERING, Technical University in Košice, Slovak Republic</b>  |
| 2016 | <ul style="list-style-type: none"><li>➤ Studied computer networks.</li><li>➤ Took courses on software development.</li><li>➤ Academically focused on Biometrics and Machine Learning.</li><li>➤ Published two papers and a master's thesis on Biometrics during the study.</li><li>➤ Finished with an engineering degree in 2021.</li></ul> <div>C# C Biometrics LaTeX Java Python VHDL Neural Networks Machine Learning</div> |
| 2016 | <b>Stredná Odborná Škola Drevárska, COMPUTER NETWORKING, Slovak Republic</b>   |
| 2012 | <ul style="list-style-type: none"><li>➤ Studied computer networks in secondary school.</li><li>➤ Took CISCO courses.</li><li>➤ Took an electrician's course and gained a certificate of professional competence.</li></ul> <div>CISCO VLAN Routing HTML CSS SQL</div>  |

## 📖 PUBLICATIONS

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| 2020 | M. Messerschmidt and M. Pleva, "Advanced Biometric Systems Utilizing Neural Networks in Identity Evaluation," 2020 18th International Conference on Emerging eLearning Technologies and Applications (ICETA), 2020, pp. 458-463, doi : 10.1109/ICETA51985.2020.9379194.                |
| 2019 | M. Messerschmidt and M. Pleva, "Biometric Systems Utilizing Neural Networks in the Authentication for E-learning Platforms," 2019 17th International Conference on Emerging eLearning Technologies and Applications (ICETA), 2019, pp. 518-523, doi : 10.1109/ICETA48886.2019.9040132. |

## 👜 PROFESSIONAL EXPERIENCE

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|--------------|--|
| Current      | <b>Full Stack Android Application Developer, INLOGIC SOFTWARE, Kosice, Slovakia</b>  |
| April 2019   | <ul style="list-style-type: none"><li>➤ Developed and finalized two small-scale projects from scratch.</li><li>➤ Currently working as technical lead on a large-scale online-only multi-platform application.<ul style="list-style-type: none"><li>➤ Designed and developed the front-end UI solution as well as scalable back-end solution.</li><li>➤ Designed and developed a scalable back-end system using PlayFab and Firebase.</li><li>➤ Engineered a user interface solution that is scalable with a variety of handheld devices.</li><li>➤ Responsible for project version control and git maintenance.</li><li>➤ Pioneered the use of contemporary modern back-end software.</li></ul></li></ul> <div>C# Unity Engine Visual Studio JavaScript JSON Visual Studio Code PlayFab Sourcetree Confluence Trello</div> |
| May 2016     | <b>Technical Assistant, DTNET, Detva, Slovakia</b>   |
| October 2015 | <ul style="list-style-type: none"><li>➤ Providing in-field technical support to customers with their home networks.</li><li>➤ Hands-on networking hardware experience.</li><li>➤ Managing technical support for in-office equipment.</li></ul> <div>Networking Hardware Cisco IOS Optical Networking</div>   |

## SKILLS

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Programming Language	C, C# (Microsoft .Net (.ASP)), Java, Python, Typescript, JavaScript ( <b>cloudscript</b> ), VHDL, MATLAB
Markup Language	HTML, CSS, LaTeX, XML
Database	MySQL, PostgreSQL
Development Tools	<b>Visual Studio</b> , IntelliJ Idea, <b>Notepad++</b> , Sublime Text, <b>Visual Studio Code</b> , git
Networking Tools	<b>Packet Tracer</b> , PuTTY, Wireshark, GNS3
Graphical Tools	<b>Blender</b> , Krita, <b>Aseprite</b> , Adobe ( <b>Photoshop</b> , Illustrator), Gimp
Operating Systems	<b>Cisco IOS</b> , Microsoft Windows, Linux (Ubuntu, <b>Mint</b> , Fedora, Kali)
Others	Trello, Confluence, JSON, Microsoft Office, Audacity, FL Studio, <b>Unity Engine</b> , Unreal Engine

## LANGUAGES

English	● ● ● ● ●
Slovak	● ● ● ● ●
Czech	● ● ● ○ ○
Japanese	● ○ ○ ○ ○

## STRENGTHS

- > Eloquent
- > Perfectionist
- > Passionate
- > Team-Player
- > Adaptable

## CERTIFICATIONS

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|------|--|
| 2021 | Master's degree in Computer Engineering from the Technical University of Košice (specializing in Network Engineering and Biometric Systems). |
| 2019 | Cisco® CCNA Routing and Switching certificate by Cisco Systems, Inc.   |
| 2019 | Bachelor's Degree in computer engineering from the Technical University of Košice.   |

## REFERENCES

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### Matúš Pleva, Ph.D

*Associate Professor*, TECHNICAL UNIVERSITY OF KOSICE

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### Michal Lacko

*General Manager*, INLOGIC SOFTWARE

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