

# Milán Horváth

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## EDUCATION

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| 2020 – 2023 | <b>MSc in Computer Science</b> Eötvös Loránd University, Budapest<br><b>Thesis:</b> Automation of Railway Infrastructure Fault Detection in LiDAR Point Clouds |
| 2016 – 2020 | <b>BSc in Computer Science</b> Eötvös Loránd University, Budapest<br><b>Thesis:</b> Multivariate Interpolation   |
| 2010 – 2016 | <b>Szabolcs Vezér High School</b> Pusztaszabolcs<br>Szabolcs Vezér Student Memorial Award – 2016   |

## WORK EXPERIENCE

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| 2022 – Present | <b>Pressmen Ltd., Hewlett Packard, Hewlett Packard Enterprise</b><br>Mid-level Software Developer<br>Responsibilities: <ul style="list-style-type: none"><li>– Fullstack web app development: ASP.NetCore API backend, React frontend</li><li>– Automated testing of web applications using <b>Selenium</b></li><li>– Development of a test automation system and integration of <b>CD/CI automated tests</b> in <b>Azure DevOps</b> environment</li><li>– Automated version tracking of enterprise software, automatic stakeholder notifications on new releases using <b>Cloud applications</b></li></ul> |
| 2020           | <b>Eötvös Loránd University, Faculty of Informatics</b> Application Developer<br>Responsibilities: <ul style="list-style-type: none"><li>– Design and implementation of a web application in C# ASP.Net MVC</li><li>– Creation of an SQL database</li><li>– <b>Data mining</b> and processing from PubMed</li></ul>   |
| 2018 – 2019    | <b>Magyar Telekom Nyrt.</b> Intern<br>Responsibilities: <ul style="list-style-type: none"><li>– Maintenance of the database of transmission towers</li></ul>  |

- Creation of Excel macros for table and form maintenance

2017

**Schauer Hungária Ltd.** Software Development Intern

Responsibilities:

- Development of Integrated Communication System (IRCS)

## PROJECTS

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(With clickable links)

- Trackflow interactive
- NDDC (HPE Las Vegas demo)
- Emergency Alert Native Mobile Application
- Geospatial Performance Measurement Application
- Alignment of Railway Track and Overhead Line Detection Algorithms in LiDAR Point Clouds
- Symbolic Programming

## PROFESSIONAL SKILLS

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### Frequently Used Tools

C#, ASP.Net MVC

Javascript, NodeJS, ReactJS

Git, GitHub

Azure DevOps

Selenium, Appium

Google Firebase

## OTHER SKILLS

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### Language Proficiency

<i>English</i>	Intermediate
<i>German</i>	Intermediate

### Other Skills

*Driving License* Category B