

# Tóth Andrea

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## TECHNICAL STACK

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- **Embedded & Systems:** C++, Qt, Bash
- **Backend Development:** C#, .NET Core, Python, PHP
- **Frontend Development:** JavaScript, TypeScript, HTML5, CSS3, Bootstrap
- **Databases:** MySQL, PostgreSQL (PostGIS), Oracle
- **Data & Analysis:** Python, R, MATLAB
- **Business Intelligence:** Tableau
- **Dev & Tooling:** Git, GitHub, Selenium
- **Design & Creative Tools:** Figma, Webflow, Adobe Photoshop, Illustrator, Lightroom, Premiere Pro
- **Game & Interactive:** Unity, Blender
- **Other Tools:** Overleaf, Bash

## WORK EXPERIENCE

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HM Zrínyi NLtd. 2024 september - present  
.NET Developer

- Building secure and scalable software solutions for company-wide use.
- Taking main part of planning, designing, and developing a file management system for the geoinformational department.
- Geospatial skills: ArcPy, ArcGIS Pro, PostGIS

Visoft Ltd. 2021 - 2024  
IT Support and Software Tester Intern

- Performing and documenting manual tests.
- Providing on-site technical support at domestic and international events.
- Updating and installing software on internal systems.

## EDUCATION

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PPKE ITK 2020 - 2024  
Molecular Bionics Engineer (B.S.)

- **Relevant IT courses:** Data Structures and Algorithms, Database Management, Database Systems II, Introduction to Programming I, Programming I-II, Matlab Programming, Digital Systems and Computer Architectures, Introduction to Computing, CNN?
- **Mathematics courses:** Probability and Statistics, Stochastic Processes, Linear Algebra I-II, Discrete Mathematics I-II, Mathematical Analysis I-II, Mathematics+ (talent course)

Soter-Line Educational Center | *Software Developer* 2019 - 2020

- Professional exam result: excellent (5)
- **Key courses:** Software Development, Web Development, Database Management, Networks

## VOLUNTEER EXPERIENCE

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PPKE ITK Animator Society 2022 - Present

- Chief Organizer of 2025 Freshmen Weekend Camp for approximately 200 people

- Representing the university as a student: open days, presentations, high school orientation events
- Organizing events for freshmen all year, multiple leadership roles in various teams
- Mentoring

**European Bridge League & Hungarian Bridge Federation** **2016-2021**

- BBO Operator: Vugraph broadcasting to up to thousand of people at domestic and international events
- Biggest events: European Championships, Maccabi Games, Small Federation Games, national finals