

# Yurii Shymon

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## EDUCATION

**Taras Shevchenko National University of Kyiv,**  
**Location – Kyiv, Ukraine**  
*Faculty of Information Technology, Bachelor's degree in Software Engineering*

Sep 2021 - Jun 2025

## EXPERIENCE

### Open-source contributor – [Helix](#)

A Kakoune / Neovim inspired editor, written in Rust.

- Added support for the new Lsp 3.17 specification (pull diagnostic).
- Improved the experience of working with programming languages in the editor by writing more tree-sitter grammar queries.
- Fixed various bugs that improve UX.

## PROJECTS

### Html tokenizer – Rust

Receives input byte stream and converts it into html tokens according to WHATWG specification.

- Issue tokens such as comment, tag, doctype... according to the current state of the state machine.
- Make tokenizer error-free, meaning no matter what the input is, the output will always be valid.

### Rubik's cube solver and visualizer – C# – 2019

- Implemented an algorithm for solving a Rubik's cube by computer.
- Made it possible to compete with the computer in solving Rubik's cube with different difficulties.

## TECHNICAL SKILLS

Rust, C++14, Python  
SQL  
Linux, Git, CI/CD

## ACHIEVEMENTS AND EXTRA ACTIVITY

2019 – Final stage of Junior Academy of Sciences of Ukraine – silver

2020 – Final stage of Ukrainian Olympiad of Informatics – bronze

2021 – Final stage of Ukrainian Olympiad of Informatics – bronze