

# MAKSIM NOVOZHILOV

tg: hostedbygnome — enmotioneee@gmail.com — github.com/hostedbygnome

## EDUCATION

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Ural Federal University  
Bachelor of Information systems and technologies

Yekaterinburg, Russia  
*Expected June 2023*

Related courses: Introduction to Data structures, Algorithms and Data structures, Object-oriented programming, Python, Concurrency, Databases.

## EXPERIENCE

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Trainee  
Avantrend

Jul 2022 - Aug 2022  
Yekaterinburg, RU

- Analysis and processing of medical images.
- The PyDicom and NumPy libraries were used for implementation, the Matplotlib library was used to display intermediate segmentation results.

## PROJECTS

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InstaZoo — Java, Spring Boot, TypeScript, Angular, PostgreSQL

- Learn Spring Boot and Angular with the FullStack course.
- Link: [github.com/hostedbygnome/InstaZooBack](https://github.com/hostedbygnome/InstaZooBack)

FootballPlayersDirectory — .NET

- Website where you can add players, edit, delete.
- Link: [github.com/hostedbygnome/FootballPlayersDirectory](https://github.com/hostedbygnome/FootballPlayersDirectory)

DicomDataAnalysis — Python, NumPy, PyDicom

- Mini-script for analysis and processing of medical images in dicom format.
- Link: [github.com/hostedbygnome/DicomDataAnalysis](https://github.com/hostedbygnome/DicomDataAnalysis)

## TECHNICAL SKILLS

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Programming languages: Java, Python, C++, C#, HTML/CSS, SQL

Frameworks: Spring Boot

Libraries: NumPy

Developer Tools: Git, Docker

Languages: Russian (Native), English (Intermediate)