Challenger: Danko Yurii Andriyovych
Age: 24
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Education:
2016 - 2020 - NTUU KPI named after Igor Sikorsky, Faculty of Heat and Power Engineering, specialty "Software Engineering", specialization "Software of distributed systems" (bachelor)

Olympics: twice took second place in the university Olympiad in higher mathematics (Spring 2017)

Courses:
- EPAM University Program (.NET Training, September 2019 - December 2019)
- Sigma Software Big Data Engineering bootcamp (December 2021 - July 2022)

Works: no commercial development experience, but during the summer holidays I worked in the field of cold base sales(1 month) and for a long time I worked for McDonald's, which gave me a lot of experience in teamwork, cooperation, coordination and communication.
July 2019 - December 2021 - McDonald's

The technologies I used along the way:
- Basic knowledge of C/C++, PHP, Java EE(Servlet, Maven), Python (wrote laboratory and course projects at the university)
- C#, .Net Core (studied in depth and wrote a diploma project)
- Basic knowledge of SQL
- Relational database design, table normalization principles(PostgreSQL, MSSQL, MySQL)
- SOLID, OOP-principles
- Git basics
- Cloud technology AWS:
  - S3
  - Kinesis Firehose Delivery streams
  - Glue Database
  - Glue Job
  - CloudFormation
- Basic knowledge of PySpark
- Basic knowledge of Grafana
- Initial knowledge of commands in the Linux operating system

Projects:

- among the biggest projects I worked on was the creation of my own programming language for performing primitive operations (arithmetic operations, loop and conditional operand). For this, a lexical and syntactic analyzer and a convenient graphical interface using Python were developed
- my other significant project was a diploma project. This is an application for modeling minimal B-spline-based surfaces with quasi-conformal parameter substitution using ASP .Net Core and Javascript
- a simple data platform (ETL application) based on AWS technologies (S3, Kinesis, Glue), PySpark and Grafana analytics and visualization tool.

The reason why: I want to be useful for my country, developing as a data engineer, applying my knowledge on practical tasks with Avenga Academy, raising the country's economy and thereby supporting our defenders. I consider my strengths to be perseverance, intelligence, willpower, analytical abilities and the knowledge base acquired at the university and on courses. While studying at the big data bootcamp, I gained knowledge and understanding of this field, basic concepts and the role of a data engineer:

- Big Data essentials
- Data Platform overview
- Data Ingestion & Integration
- Data Storage fundamentals
- Data modeling fundamentals
- Data Processing introduction
- Data Processing fundamentals
- Cloud computing
- Data Governance
- Data Querying & Visualization

Hobby: sport, powerliftring, weightlifting, boxing

Favorite book: Viktor Frankl on the Human Search for Meaning