HANNA MELNYK

Software Engineer

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SUMMARY

Software engineer with a twist - I started in data analysis and finance before falling for coding. Now, I'm all about building web applications. Python was my first love in programming, blending my analytical skills with creative coding. I'm here to learn, grow, and make something awesome that matters.

So, why hire me? Because I'm ready to pour my passion, my skills, and my unique perspective into this role and help create something amazing together.

PROJECTS

Personal site

📅 10/2024
🔗 https://hanna-melnyk.onrender.com/

A webpage where user can read more information about me, download my resume and see the list of my projects
- **Languages used**: HTML, CSS, TypeScript (React)
- **Frameworks and Libraries used**:
- Development: vite
- Production: react, chakra ui

To-do list app

📅 09/2024
🔗 https://github.com/hanna-melnyk/todo

Web application for generating fake quotes using artificial intelligence.
- **Languages used**: HTML, CSS, JavaScript (React)
- **Frameworks and Libraries used**:
- Development: vite, nodemon, concurrently
- Production: react, axios, node.js, express, mongoose, jsonwebtoken, bcrypt, chakra ui

AI quote generator

📅 06/2024
🔗 https://github.com/hanna-melnyk/aspired

Web application for generating fake quotes using artificial intelligence.
- **Languages used**: HTML, CSS, JavaScript
- **Frameworks and Libraries used**: Express, Axios, Node.js, dotenv, OpenAI

Stoicism information page

📅 03/2024
🔗 https://github.com/hanna-melnyk/stoicism-project

A website about Stoicism.
Built a project from scratch in a one-week deadline.
- **Languages used**: HTML, CSS, Vanilla JavaScript
- **Frameworks and Libraries used**: Font Awesome

REFERENCES

Bart Peletier
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KEY COMPETENCIES

Languages
TypeScript, JavaScript : React, Express, Node.js;
HTML, CSS, Python, SQL, Java, LaTeX

Testing
Unit testing, E2E

Database management
Snowflake, PostgreSQL, MongoDB

Development tools
CLI (Git Bash shell), Version control systems (GitHub), Code editors (Visual Studio Code, IntelliJ, PyCharm, Jupyter Notebook)

API
Familiar with REST principles, worked with database and cloud services API

Project management
Proficient in Agile methodologies, with a focus on Scrum frameworks

Soft skills
Good team player, Critical thinking and problem solving, Effective time management, Ability to work under pressure

EDUCATION

International Business
Kyiv National Economic University named after Vadym Hetman

LANGUAGES

English (C1)

Dutch (B2)

HOBBIES

Reading

Powered by **Enhancv**

EXPERIENCE

Data Analyst
Forta Groep

📅 08/2022 - 12/2023   📍 Rotterdam, Netherlands
- Took part in designing of a new reporting system
- Improved easiness of access to important information for Analytics department & Management of the company by creating visualization reports with financial & operational metrics
- Helped company make effective business decisions by preparing internal reports that interpreted operational & financial indicators

Data Analyst
Yellow Stone

📅 06/2021 - 06/2022
- Improved ease of access to gaming and marketing metrics for the Analytics department by creating Python-based regular mail newsletters and user-friendly visualization reports.
- Helped the company make effective business decisions by preparing internal reports that interpreted consumer behavior, marketing results, and financial indicators.
- Developed data models to predict financial indicators for the upcoming year.
- Worked on product A/B tests using Python.

Auditor
EY

📅 01/2019 - 05/2021
- Adapted quickly to new conditions, working on a wide variety of audit projects for different sectors (banking, retail, agriculture, energy, utilities, etc.)
- Managed challenging tasks within tight deadlines.
- Handled projects in the banking sector, performing duties at a senior employee level.
- Mentored junior team members by providing support on audit techniques and software.

TRAINING / COURSES

Full Stack development
HackYourFuture

Introduction to Mathematical Thinking
Coursera, by Stanford University

Introduction to Git and GitHub
Coursera, by Google

Statistics and probability
Khan Academy

AP/College Calculus AB
Khan Academy

Linear algebra
Khan Academy

HOBBIES

Meditation

Chess

Alternative coffee brewing

Calisthenics

Boxing