

Dmytro Brazhnyk

Resume attachments



0.18% explained

- Let's take as an example, one of my award that I've secured in country-wide computer science algorithms student contest in 2005.



Translation

MINISTRY OF EDUCATION AND SCIENCE
OF UKRAINE

AWARDED
3rd PLACE DIPLOMA

BRAZHNYK DMYTRO VOLODYMYROVYCH,
Student of Kharkiv National University of Radio Electronics

WINNER OF
THE ALL-UKRAINIAN STUDENT
COMPUTER SCIENCE OLYMPIAD

Minister of Science and Education:
S.M. Nikolayenko

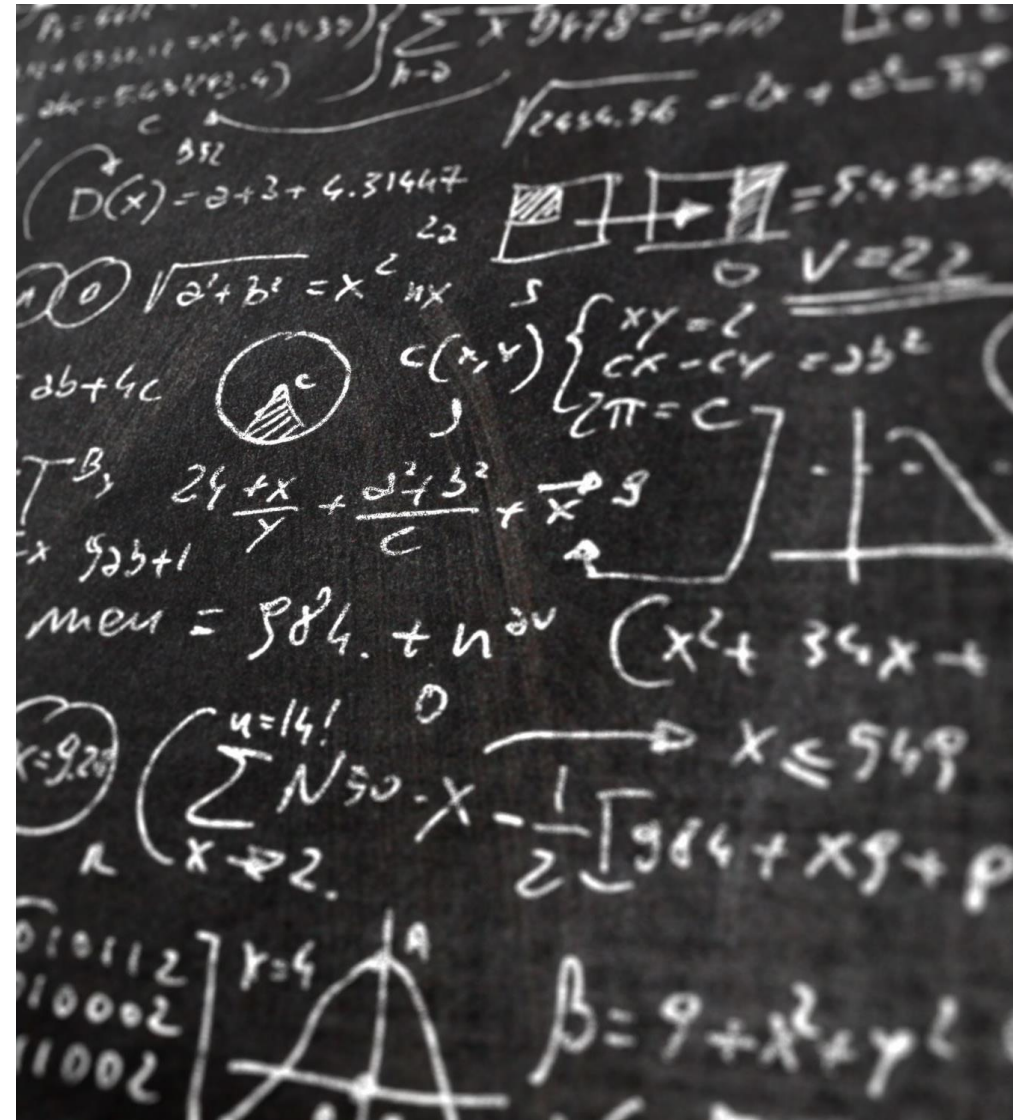
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0.18% explained

- ❑ Let's take next numbers.
- ❑ There are 20 millions of peoples working in IT world wide, while world population is 6 billions of people
- ❑ I've taken 3rd place in student competition, and considered that it is in national wide competition, and this competition made every years, so with average life expectancy 80 years, so there are $80 * 3$ living nominee of all years in my country
- ❑ Ukraine population is about 40 million people for that moment
- ❑ $80 * 3 / (40 \text{ million} * (20 \text{ million of IT world wide} / 6 \text{ billion global population})) = \mathbf{0.18\%}$
- ❑ In essence, within a company of **50,000 employees**, only **90 individuals** showcase comparable or **superior talents**. $(50\,000 * 0.18\% / 100\% = 90$

0.18% explained

- Humble as it may be, it's a challenge to come across someone with my skill set in computer science and its neighboring disciplines.
- It is not just a luck, I've proved my exceptional skills many times:
- <https://dmytrobrazhnyk.wordpress.com/awards/>



Chat GPT analysis

I've also was curious, what would Chat GPT tell me about my awards.

- Does it have any connections does it have to professional career?

The image displays four sequential screenshots of a ChatGPT interface, showing a conversation about the professional value of algorithmic contest wins. The chat history is titled "Algorithmic Skills for Contests".

ChatGPT 3.5

You
Which soft skills needed to win algorithmic contests

ChatGPT
To excel in algorithmic contests, essential soft skills include problem-solving, critical thinking, time management, attention to detail, and effective communication. Additionally, perseverance and the ability to stay calm under pressure can contribute to success in competitive programming.

Algorithmic Contest Wins: Career Boost

ChatGPT 3.5

You
If I win couple algorithmic contest, which kind of such skills I can use in professional career.

ChatGPT
Winning algorithmic contests demonstrates strong problem-solving, critical thinking, and coding skills. These skills are highly valuable in various professional careers, especially in:

1. **Software Development:** Strong algorithmic skills are crucial for developing efficient and optimized code in software projects.
2. **Data Science and Machine Learning:** Algorithms play a key role in data analysis, pattern recognition, and machine learning. Winning algorithmic contests can be a strong foundation for these fields.
3. **Cybersecurity:** Understanding algorithms is essential for designing secure systems and identifying vulnerabilities in software.
4. **Quantitative Finance:** Algorithmic skills are valuable in financial modeling, algorithmic trading, and risk analysis.
5. **Artificial Intelligence:** Algorithmic thinking is fundamental in developing AI models, designing algorithms for problem-solving, and optimizing AI applications.
6. **Game Development:** Games often involve complex algorithms for graphics, AI, and physics simulations.
7. **Competitive Programming:** Some professionals engage in competitive programming or coding interviews for top tech companies, where algorithmic proficiency is a key factor.
8. **Research and Development (R&D):** In various industries, R&D positions require strong analytical and problem-solving skills, which winning algorithmic contests can showcase.

Remember to highlight these achievements on your resume or portfolio to stand out in job applications.

ChatGPT can make mistakes. Consider checking important information.

chat.openai.com

Chat GPT: Soft-skills analysis



Everything what Chat GPT tells is very true, like



Problem-solving, critical thinking, time management, attentions to details, effective communication, perseverance and ability to work under stress.



Everything the same I can tell about myself.



However, all persons, I worked with before, recognize my problem-solving, critical thinking and analytical skill as something exception, as well as my professional attitude.

Chat GPT: professional career analysis

- **Software Development** – it might be obvious, that everything software engineers are doing at work, is just coding algorithm, maybe not such complex as in contest but still.
- **Data Science and Machine Learning** – AI is new field, to master an AI and get market leadership, you need to be a little bit more advanced in computer science. Contest proved my ability to think creatively. To secure contest: logical thinking, strong scientific intuition and imagination is required.





Chat GPT: professional career analysis

- **Cyber Security** – it might not be obvious, how it connected to algorithm, however critical-think, to understand how system behave on its boundaries needed for cybersecurity and during algorithmic contest to secure all test cases. I am strongly ethical person by the way, will never use any of my knowledge for evil.
- **Game Development** - it was my hobby all the time, even though I pursue career of enterprise development, I've entered IT industry just of curiosity to game development, and still if I have a spare time I love to learn about some matemathics and hardware acceleration capability related to computer graphics nowday.

About

If you curious about me, how I've maned to apply my talents in my professional career and before, you can check on this page, with some less formal description.

- <https://dmytrobrazhnyk.wordpress.com/about-me/>