

VLADISLAV SHUBIN

Master student

Stockholm, Sweden

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PROFESSIONAL EXPERIENCE

“Kventin” school

Teacher

Petrozavodsk, Russia

2020-2023

Online school “Start”

Teacher

Petrozavodsk, Russia

2017-2020

Private Teacher

Teacher

Russia

2017-2023

EDUCATION

Stockholm University / KTH Royal Institute of Technology

Master in Mathematics

Stockholm, Sweden

Sep 2023 – Present

- **Courses:** Linear Algebra and Learning from Data, Type theory, Algebraic Geometry, Advanced Real Analysis

Petrozavodsk University (PetrSU)

Bachelor in Mathematics

Petrozavodsk, Russia

Sep 2019 – Aug 2023

- **Honors:** 4.8 / 5.0 GPA
- **Courses:** Applicable Statistics, Actuarial Mathematics, Finance Mathematics, Random Processes
- **Thesis:** Bernstein polynomials and MacWilliams transforms
- **Activities:** I was giving popular lectures for students on various topics

PUBLICATIONS

1. Vladislav Shubin. “Investigation of φ -radical numbers”. In: 73rd Scientific Conference of Students and Young Scientists. Petrozavodsk, Russia, 2021.
2. Vladislav Shubin and Nikita Gogin. “Bernstein Polynomials and MacWilliams transform”. In: International Conference Polynomial Computer Algebra ’2023’ (PCA’2023). Saint-Petersburg, Russia, 2023.
3. Vladislav Shubin and Nikita Gogin. “Binomial Coefficients as Functions of their Denominator; Another Primality Criteria for Natural Integers”. In: International Conference Polynomial Computer Algebra ’2024’ (PCA’2024). Saint-Petersburg, Russia, 2024.

OEIS contributions

I authored the following OEIS sequences: A355045, A355059, A337775, A337776, and also contributed to A000108

SKILLS, LANGUAGES, INTERESTS

- **Languages:** English (B2 speaker), Russian (Native speaker), Swedish (Basic proficiency)
- **Soft Skills:** Public Speaking, Debating, Communication, Critical Thinking, Leadership, Persuasive Writing, Technical Writing
- **Programming:** Python, SQL, PostgreSQL, MATLAB/Octave, Wolfram Mathematica, SAGE, HTML/CSS, Javascript, Typst, LaTeX, C/C++
- **Tools:** Git, Nix
- **Web Development:** Node.js, Hogo, Pico.css
- **BI & Data Analytics:** Microsoft Excel, Jupyter Notebook, Numpy, Pandas