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# David Vulakh

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<http://d.vulakh.us>

## EDUCATION

**Massachusetts Institute of Technology**, Cambridge, MA

09/2020 - 12/2022 Bachelor of Science in Computer Science and Engineering, GPA: 5.0

## EXPERIENCE

**Jane Street**, New York, NY

05/2022 - 08/2022 Software Engineering Intern

> Completed two projects on the Tools & Compilers team // Featured in Yaron Minsky's [Tech Blog](#)

**Massachusetts Institute of Technology**, Cambridge, MA

02/2022 - 05/2022 Lab Assistant

> Helped students develop deeper mastery of the "Fundamentals of Programming" class material

04/2021 - 05/2022 HMMT Problem Czar

> Wrote/edited/selected problems; engaged problems staff and organized test creation process

09/2020 - 05/2021 Undergraduate Researcher

> Algorithmic inference research with Dr. Elchanan Mossel // Paper in [PSB 2023](#)

**Technion – Israel Institute of Technology**, Haifa, Israel

06/2021 - 08/2021 Research Intern

> Distributed graph algorithms research with Dr. Keren Censor-Hillel // Paper in [PODC 2022](#)

**Mathematical Association of America**, Washington, DC

04/2021 - 04/2021 USA(J)MO Grader

> Graded USA(J)MO submissions

**Lynxight**, Yokneam Illit, Israel

12/2020 - 02/2021 Software Development Intern

> Computational geometry algorithm development for computer vision applications

**University of Kentucky Department of Computer Science**, Lexington, KY

06/2018 - 06/2020 High School Researcher

> Distributed computing research with Dr. Raphael Finkel // Paper in [Soft Computing](#)

## AWARDS AND HONORS

2021, 2022 Putnam Mathematical Competition Top 500

2019, 2020, 2021 Google Code Jam Round 2 Qualifier

2021 Codeforces Master (US top 75)

2019 - 2020 CodeChef 6 Stars (US top 50)

2018 - 2020 USACO Platinum Division

2019 Intel ISEF 3rd Grand Award in Systems Software

2019 USAPhO Silver Medal