

Domagoj Bradač

PERSONAL INFORMATION

Full name: Domagoj Bradač
E-mail: dbradac@math.ethz.ch
Languages: English, Croatian

EDUCATION

ETH Zürich

PhD in Combinatorics, advised by Benny Sudakov 2021 –
Master's degree in Computer Science, GPA 6.0/6.0 2019 – 2021

University of Zagreb, Faculty of Science

Bachelor's degree in Mathematics, GPA 4.894/5.00 2016 – 2019

ACCEPTED PAPERS

- *Robust Algorithms for the Secretary Problem* **ITCS 2020**
- with Anupam Gupta, Sahil Singla, Goran Žužić
- *(Near) Optimal Adaptivity Gaps for Stochastic Multi-Value Probing* **RANDOM 2019**
- with Sahil Singla, Goran Žužić

SUBMITTED PAPERS

- *Turán numbers of sunflowers* **arXiv:2110.11319**
- with Matija Bucić and Benny Sudakov
- *Covering random graphs with monochromatic trees* **arXiv:2109.02569**
- with Matija Bucić
- *Powers of Hamilton cycles of large discrepancy are unavoidable* **arXiv:2102.10912**

WORK EXPERIENCE

- Jane Street Europe Limited** 2019
- software engineering internship
- Carnegie Mellon University** 2018
- research internship under the supervision of Prof. Anupam Gupta
- Young Talented Mathematicians Marin Getaldić** 2016 – 2019
- teaching high school students competitive mathematics
- Croatian Informatics Association (HSIN)** 2016 – 2019
- lecturer on Winter Camp in Krapina
 - problem author for Croatian Open Competition in Informatics (COCI)

ACHIEVEMENTS

International Competitions

ACM-ICPC World Finals	2017 – 27th place	2019 – 36th place
International Olympiad in Informatics (IOI)	2015 – silver medal	2016 – silver medal
Central European Olympiad in Informatics (CEOI)	2013 – silver medal	2015 – bronze medal
	2016 – gold medal	
International Olympiad in Mathematics (IMO)	2016 – bronze medal	