



Andreas Haupt

Königstraße 88 - D-53115 Bonn

2.11.1993 Born in Frankfurt, Germany

Education

- 2015–2017 **MSc Mathematics (GPA ≈ 3.9), MSc Economics (GPA ≈ 3.5)**, Bonn.
- 2016–2017 Master Thesis Mathematics: Random Graph Models for Sparse Graphs
- 2014–2015 **Exchange Studies Mathematics**, EPF Lausanne.
- 2012–2014 **BSc Mathematics**, Bonn, Minor Economics.

Research

- Research At EPFL I proved approximation guarantees from [1]. This was fundamental to Cevallos' PhD on max-sum diversification ([2], [3]).
- Neuroscience I incorporate graph limit theory into machine learning for classification of autodegenerative disease Lupus Erythematoses.

Skills

R	2 years	C++	4 years, combinatorial algorithms
\LaTeX	8 years, editor bje.uni-bonn.de	python	2.5 years, main language
Data	Data Cleaning (pandas), ML (sklearn)		
English	fluent	French	good
		German	native

Extracurricular

- Badminton Certified Badminton coach since 2012.
- Head Delegate Head Delegate of the 20-delegates delegation "MUNICH" debating at the National Model United Nations in New York in March 2017 (nmun.org).
- Summer Campus Organising the summer campus 2017 of *Evangelisches Studienwerk* (<https://www.evstudienwerk.de/english/our-mission-statement.html>)
- Editor Editor of the *Bonn Journal of Economics* (bje.uni-bonn.de)

Events

- 2015-17 Natural Sciences Working Group, *Studienstiftung des Deutschen Volkes*
- 2017 National Model United Nations, *Diplomacy Award*, Heidelberg

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2016 Panelist at *Heads of German Bundesbank Jens Weidmann and Nederlandse Bank Klaas Knot meet Students*, Frankfurt

References

- [1] Allan Borodin, Dai Le, and Yuli Ye. “Weakly Submodular Functions”. In: *CoRR* abs/1401.6697 (2014). URL: <http://arxiv.org/abs/1401.6697>.
- [2] Alfonso Cevallos, Friedrich Eisenbrand, and Rico Zenklusen. “Local Search for Max-Sum Diversification”. In: *arXiv preprint arXiv:1607.04557* (2016).
- [3] Alfonso Cevallos, Friedrich Eisenbrand, and Rico Zenklusen. “Max-sum diversity via convex programming”. In: *arXiv preprint arXiv:1511.07077* (2015).