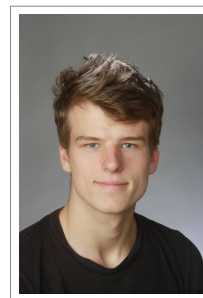


Andreas Haupt

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Docendo discimus

Education

- 15-8/18 **MSc Economics**, *Rheinische Friedrich-Wilhelms-Universität*, Bonn, GPA 3.9.
I study welfare properties of voting systems with restricted communication. Please find an exposé here.
- 12-17 **MSc Mathematics**, *Rheinische Friedrich-Wilhelms-Universität*, Bonn, GPA 3.9.
I studied classification of graphs theoretically using graphon theory and applied it to neuroscience data [1].

Work

- 17-19 **Fellow**, *Teach First Deutschland Berlin gGmbH*, Groß-Gerau, at BeruflicheSchulen Groß-Gerau.
I teach apprentices and junior high students and establish new working groups at the school (Debating, Model United Nations). Among others, I installed a *Github Classroom* for apprentices. I wrote a (German) introduction to Git for my students here. I teach programming in C#.
- 2-3/17 **Intern Scientific Assistance**, *Member of German Parliament M. Wendt*, Berlin, Digital, NSA.
I conducted research on subjects of politics of the inner and prepared meetings.

Stipends and certificates

Stipends

- 4/13-9/17 **Scholarship**, *Evangelisches Studienwerk*, Villigst.
Evangelisches Studienwerk is one of the 13 institutions that grants federal scholarships to students.

Certificates

- 02/18 “Probabilistic Graphical Models: Representation”, “Machine Learning” (Coursera, Stanford University)
02/18 “Deep Learning Specialisation” (Coursera, deeplearning.ai).

Invited talks

- 4/18 **Contributed Talk**, *Random Structures in Biology and Neuroscience*, Herrsching.
- 11/17 **Organisator**, *MLworkshopVilligst*, Tübingen.
I organised a workshop on the theory and practice of machine learning at Tübingen
- 9/17 **Speaker**, *Workshop Intelligent Machines*, Schwerte.
I lead a workshop on recommender systems.

Languages and Coding

English (C2), French (B2), python (expert), pandas, keras (advanced)

References

- [1] Andreas Haupt et al. “Classification on Large Networks: A Quantitative Bound via Motifs and Graphons”. In: *CoRR* abs/1710.08878 (2017). arXiv: 1710.08878. URL: <http://arxiv.org/abs/1710.08878>.

- 8/18 **Head Delegate**, *SPECQUE sf*, Saarbrücken-Frankfurt.
I am co-head delegate of a delegation to the French speaking simulation of the European parliament SPECQUE.