

# **David Peer**

## PhD Student and Machine Learning Researcher @ DeepOpinion

I'm currently working at DeepOpinion as Machine Learning Researcher and I'm also a Ph.D. student in the Intelligent and Interactive System group at the Universität Innsbruck (Austria) under the supervision of Antonio Rodriguez-Sanchez. I obtained the degree of M.Sc and B.Sc in Computer Science at the Universität Innsbruck (Austria) and study currently the gap between expressivity and learnability of neural networks. At DeepOpinion I study how we can transform this knowledge into novel AutoML or Neural Architecture Search (NAS) algorithms for Natural language processing (NLP) models to outperform current SOTA methods.

#### Google Scholar GitHub Twitter

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#### **Areas of Interest**

- Understanding the gap between expressivity and learnability of neural networks (1, 2, 3, 4)
- Topics: Learning Theory, Deep Learning, Machine Learning, Natural language processing
- Hobbies: Climbing, hiking, trumpet etc.

#### Positions

01.2020 - Today | Machine Learning Researcher at DeepOpinion 09.2019 - 12.2020 | Researcher at University of Innsbruck (IIS group) 02.2019 - 09.2019 | Researcher at University of Innsbruck (DPS group) 04.2012 - 08.2018 | Software Developer at World-Direct eBusiness Solutions 06.2010 - 04.2012 | Embedded Software Developer at Heliotherm

#### Education

- 2019 Today | PhD Computer Science, University of Innsbruck
- 2017 2019 | MSc Computer Science, University of Innsbruck
- 2014 2017 | BSc Computer Science, University of Innsbruck

2005 - 2010 | HTL Elektronik, Innsbruck

### Certifications

- Microsoft Certified Solutions Developer App Builder
- Microsoft Certified Solutions Developer Web Applications
- OMG Certified UML Professional

#### Publications

See Google Scholar

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