



## David Peer

### PhD Student

I'm a Ph.D. student in the Intelligent and Interactive System group at the Universität Innsbruck (Austria) under the supervision of Antonio Rodriguez-Sanchez and I'm working at DeepOpinion as a machine learning researcher. 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](#)

Office: 2M01

Email: **david[0x2E]peer[0x40]outlook[0x2E]com**

### Areas of Interest

---

My main interest is to improve state-of-the art results in machine-learning by understanding the gap between expressivity and learnability of neural networks that seems to be huge. Here is a list of the publications in this research direction where I'm first- or co-author where we used different theoretically motivated algorithms to improve SOTA: [1](#), [2](#), [3](#), [4](#), [5](#), [6](#), [7](#) [8](#) [9](#)

### 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](#)

From:

<https://iis.uibk.ac.at/> - IIS

Permanent link:

<https://iis.uibk.ac.at/people/david?rev=1644999008>

Last update: **2022/02/16 09:10**

