

# Andreas PEINTNER, M.Sc.

 [scholar.google.com/citations?user=HCKACzoAAAAJ](https://scholar.google.com/citations?user=HCKACzoAAAAJ)

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 [github.com/pintonos](https://github.com/pintonos)

## EDUCATION

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Today October 2021	<b>PhD Candidate, UNIVERSITY OF INNSBRUCK, Computer Science</b> <ul style="list-style-type: none"><li>➤ Advisor : Eva Zangerle, PhD</li><li>➤ Thesis : <i>Sequential Recommender Systems : A Graph-based Perspective</i></li></ul>
2021 2018	<b>Master of Science, UNIVERSITY OF INNSBRUCK, Computer Science</b> <ul style="list-style-type: none"><li>➤ Advisor : Eva Zangerle, PhD</li><li>➤ Thesis : <i>Acceleration and Compression of Deep Click-Through Rate Prediction Models</i></li></ul>
2018 2015	<b>Bachelor of Science, UNIVERSITY OF INNSBRUCK, Computer Science</b> <ul style="list-style-type: none"><li>➤ Advisor : Clemens Sauerwein, PhD</li><li>➤ Thesis : <i>Lowering the Barrier of Cyber Attacks through Information Shared on Security Experts Forums</i></li></ul>

## WORK EXPERIENCE

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Today July 2023	<b>AI Engineering Lead, DOC2ME (FORMERLY FEMBLE), Innsbruck/Austria</b> <ul style="list-style-type: none"><li>➤ Research &amp; Development of personalized sequential recommendation model</li><li>➤ Integration via Cloud-Services</li></ul> <div><span>AWS</span> <span>PyTorch</span> <span>Spark</span> <span>Svelte</span></div>
Today October 2021	<b>Assistant Teacher, UNIVERSITY OF INNSBRUCK, Department of Computer Science</b> <ul style="list-style-type: none"><li>➤ Classes : Database Systems, Machine Learning</li><li>➤ Tasks : Graded and assisted students with homework, projects, and presentations</li></ul>
July 2021 April 2021	<b>Data Science Internship, MARS, Verden/Germany</b> <ul style="list-style-type: none"><li>➤ Instance segmentation with deep learning</li><li>➤ Web application development to interact with deployed models</li><li>➤ 1<sup>st</sup> place at the internal Hackathon for predicting pet age</li></ul> <div><span>Python</span> <span>PyTorch</span> <span>OpenCV</span> <span>LightGBM</span> <span>Azure</span></div>
March 2021 February 2019	<b>Software Developer, SPEED U UP, Innsbruck/Austria</b> <ul style="list-style-type: none"><li>➤ Voice assistant applications (Alexa Skills &amp; Google Actions), NLP</li><li>➤ Web development with HTML, CSS, Javascript</li><li>➤ iOS app development with Swift</li></ul> <div><span>Alexa SDK</span> <span>Google Action SDK</span> <span>AWS</span> <span>Node.js</span> <span>Swift</span></div>

## HONORS AND AWARDS

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- 2019 **1<sup>st</sup> place award** at the *EUREGIO Image Forensic Challenge 2019*. Organized by *mmlab* (University of Trento) and *Privacy and Security Lab* (University of Innsbruck).  
*Using a modified ResNet-18 model architecture in Python with Tensorflow.*

## WORKSHOPS AND CERTIFICATIONS

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- 2018 **FZ HPC Training Course** : High Performance Programming with OpenMP.  
2021 **Harvard Innovation Labs** : Accepted into the Spring Venture Program as part of the Build It track.