Ilkay Isik (PhD)

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About me ————

Data, psychology and art perception – a unique background for a data scientist who can bring a different perspective to the table. As a former researcher in the field of empirical aesthetics, I have experience in finding insights in data as well as presenting and communicating them effectively in a visually appealing way. Currently, I am looking for a new challenge that enables me to combine these passions in my work; preferably in an international team.

Skills ————————

Python, SQL

Libraries: NumPy, Pandas, Seaborn

Tableau, Streamlit   Git, GitHub

SciPy, Scikit-learn, PyTorch

LaTeX   A/B Testing

Statistics: R, SPSS   LimeSurvey

Adobe: Illustrator, Photoshop, Premier

Communication, Leadership

Interdisciplinary collaboration

Professional Experience

04/16–04/22	**Scientific Researcher**	**Max Planck Institute for EA, Frankfurt**

• Led all aspects of 4+ research studies investigating neural and behavioral correlates of aesthetic experiences
• Collected and analyzed data from 150+ participants in behavioral and neuroimaging experiments, surveys and interviews
• Communicated insights to different audiences in 8+ empirical research papers, 10+ presentations at scientific conferences, and interviews at news outlets
• Prepared course materials and provided written feedback for 100+ students. Received an evaluation rating of 4.5 out of 5

12/16–01/19	**Head of Frankfurt Division**	**Science Innov Union**

• Led a team of 6+ researchers that came together to inspire and support leadership and entrepreneurship in science
• Secured funding to organize 15+ talks and workshops

10/14–04/16	**Scientific Researcher**	**Institute of Medical Psychology, GU**

• Led all aspects of a research study investigating brain activity in addiction

Education

06/22–10/22	**Data Science Bootcamp**	**WBS Coding School**

• Successfully completed a full-time (15 week) project oriented training course in data science and analytics
• Gained demonstrable experience in Business Analytics, Data Story Telling, Data Cleaning and Transformation, Recommender Systems, Data Driven Decision Making and A/B Testing

04/16–12/20	**Dr. rer. nat. (PhD) in Psychology**	**Goethe University, Frankfurt**
10/13–10/15	**MSc in Interdisciplinary Neuroscience**	**Goethe University, Frankfurt**
09/08–06/13	**BA in Psychology**	**Bilkent University, Ankara, Turkey**

Exchange Semester in Maastricht Uni, The Netherlands

Honors and Awards

06/19	Hackathon Travel Award	OHBM Meeting, Rome
07/16	Tuition waiver, Summer School in Cognitive Science	Uni Vienna
10/13–10/15	DAAD (German Academic Exchange Service Scholarship)	Germany
01/12–06/12	Erasmus Exchange Scholarship	The Netherlands
09/08–06/13	Tubitak Grant to Support Undergrad Scientists	Turkey
09/08–06/13	Bilkent University, Comprehensive Scholarship	Turkey

Outreach Activities

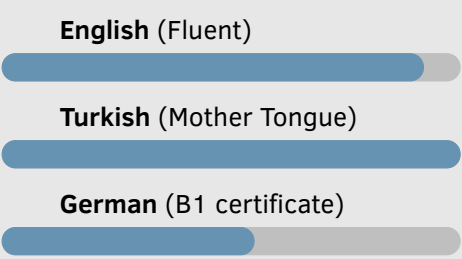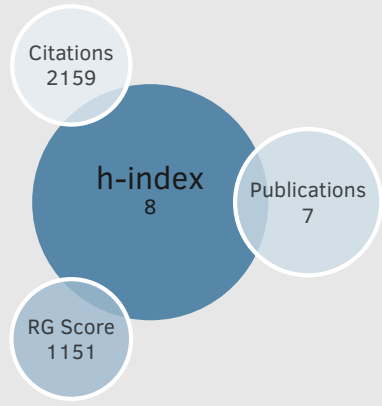|		
10/21	Appeareance on Merz Aesthetic's beauty confessions campaign as a Neuroscientist	
06/21	**Talk at MPI's Wissensdurst Event**	MPIEA

Beauty in the brain of the beholder

Other Relevant Training

06/21	**HerHackathon**	Online Event

• Developed an accessible <u>tool</u> to counteract biases in machine learning

06/19	**OHBM Hackathon**	Rome

• Contributed to several different open science projects

07/18- 08/18	**Neurohackademy**	University of Washington, Seattle

• Built <u>a pipeline</u> for task fMRI analysis using Python tools

Organization Experience

06/20	**CNS Meeting, Twitter Social**	Online Event

• Organized an event on Twitter to give scientist an online stage to share their latest findings during Corona Restrictions

05/19	**Vision Sciences Society, Aesthetics Social**	St. Pete Beach Florida

• Organized a <u>social event</u> during a scientific conference to bring scientists working on the same topics together

04/18	**Visual Neuroaesthetics Symposium**	MPIEA

• Organized a <u>symposium</u> on neuroaesthetics