



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**

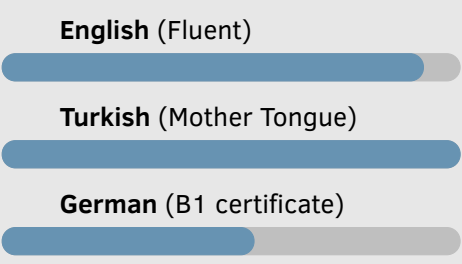
Outreach Activities

- 10/21 Appearance 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

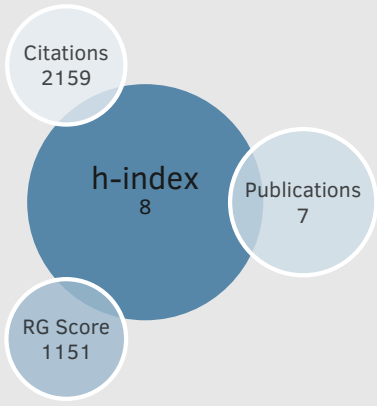
Interests

- 🎓 Data Science
- 🎓 Data Analytics
- 🎓 Machine Learning
- 🎓 Applied research
- 🎓 Technology
- 🎓 Arts and Culture

Languages



Academic Metrics



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 a <u>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 | |