Darya Yarparvar

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Education

Koç University
Postgraduate Researcher (GPA: 3.8/4)
Chemical and Biological Engineering
Istanbul, Turkey [2013–2018]

Sharif University of Technology
B.Sc. (GPA: 82.4/100)
Chemical Engineering
Tehran, Iran [2008–2012]

Farzanegan (NODET) High School
Mathematics and Physics
Tehran, Iran [2004–2008]

Hard Skills

Language: Persian & Azerbaijani (native); Turkish & English (advanced)

Software: Adobe Indesign; Adobe Illustrator; Adobe Photoshop; MS Office (Word, Excel, PowerPoint); GraphPad Prism; MATLAB; HTML; CSS; JavaScript;

Soft Skills

Detail oriented; Work well under pressure; Consistently meet deadlines; Effectively manage time; Responsible; Problem solver; Team oriented; Logical thinking; Documentation, Quantitative reports; Strong written, verbal, and nonverbal communication skills; Active listening; Recovering quickly from setbacks;

Design–related Education

Bilge Adam Academy
Graphic & Web Design *{Adobe Creative (Ai, Ps, Id), HTML, CSS, JavaScript}*
Istanbul, Turkey [2017–2018]

About Me

My passions in different directions have shaped my journey so far. When I started my postgraduate research, the most attractive aspect of doing a PhD, for me, was starting a project from the very first steps, struggling with the problems in the way, finding the optimum solution and delivering a thorough outcome at the end. Sticking to this strategy for more than 5 years, I was going to graduate in 2018, but plans do not always follow our lead. After quitting my PhD, I decided to approach my goals from another angle. Thinking about design as a way to express a complex idea in an efficient, clear, and beautiful manner, I found design a mutual point of all my interests! I started to learn graphic design by myself because I was so captivated by the challenge of design in which the problem and its solution meet on the bridge of art.

Although my background stays irrelevant to my current field, I believe skills that one acquires during a dedicated PhD life, can be employed in other areas as well. PhD life demands working well under pressure and being able to recover from setbacks quickly. You have to be responsible and meet deadlines for presentations and reports, which will not happen if you do not manage your time effectively. Working in a large group improves your communication skills and helps you to be an effective team member. More than anything you have to be able to work independently, pay attention to details and think logically at each step of your research. Benefiting from these skills, with a solid determination to follow my goals, I learnt the fundamentals of graphic design as well as the required hard skills.

I usually start the design process with a thorough research on the brief. My approach to design is intuitively conceptual. Of different styles of design, abstract, minimalist and geometric designs attract me the most. My main inspiration source is my environment. It can be nature, places, situations, and basically anything that may evoke deep human emotions, even if only for a few seconds...

EDITORIAL DESIGN, **BOOK COVER DESIGN**, **BRAND IDENTITY**, **SURFACE PATTERN DESIGN**, **PACKAGING**, **POSTERS** and **INFOGRAPHICS** are the most favourable areas of design for me.

Conference Presentations

D. Yarparvar, M. Turkay, I. H. Kavakli, *"Identification of clock-modifying small molecules modulating CLOCK and BMAL1 heterodimerization"*, Gordon Research Seminar on Chronobiology, Stowe, VT, USA, 2017 (Oral Presentation)

D. Yarparvar, M. Turkay, I. H. Kavakli, *"Identification of clock-modifying small molecules modulating CLOCK and BMAL1 heterodimerization"*, Gordon Research Conference on Chronobiology, Stowe, VT, USA, 2017 (Poster Presentation)

Publications

Y. U. Doruk†, **D. Yarparvar**†, Y. K. Akyel, S. Gul, A. C. Taskin, F. Yilmaz, I. Baris, N. Ozturk, M. Türkay, N. Ozturk, A. Okyar, I. H. Kavakli, *"A CLOCK-binding small molecule disrupts the interaction between CLOCK and BMAL1 and enhances circadian rhythm amplitude",* Journal of Biological Chemistry, 2020 (†These authors contributed equally.)

I. H. Kavakli, I. Baris, M. Tardu, S. Gul, H. Oner, S. Cal, S. Bulut, **D. Yarparvar**, C.Berkel, P. Ustaoglu, C. Aydın, *"The Photolyase/Cryptochrome Family of Proteins as DNA Repair Enzymes and Transcriptional Repressors",* Photochemistry and Photobiology, 2017