

DENİZ MEVLEVIOĞLU
PhD Candidate

A Computer Science PhD candidate at University College Cork, researching real-time anxiety prediction in Virtual Reality Exposure Therapy. Research interests include on-body physiological sensors, machine learning and Virtual Reality. Experienced tutor and demonstrator for varying topics in Computer Science such as web development, programming and 3D modelling.

Education

2020-2024 PhD in Computer Science, *University College Cork*2018-2019 **MSc in Interactive Media**, *University College Cork*

2012-2016 BA in Psychology, Bahcesehir University

Publications

- Deniz Mevlevioğlu, Sabin Tabirca, and David Murphy. 2021. Emotional Virtual Reality Stroop Task: Pilot Design. In Proceedings of the 27th ACM Symposium on Virtual Reality Software and Technology (VRST '21). Association for Computing Machinery, New York, NY, USA, Article 66, 1–3. DOI: [10.1145/3489849.3489952](https://doi.org/10.1145/3489849.3489952)
- Deniz Mevlevioğlu, David Murphy, and Sabin Tabirca. 2021. Visual Respiratory Feedback in Virtual Reality Exposure Therapy: A Pilot Study. In ACM International Conference on Interactive Media Experiences (IMX '21), June 21–23, 2021, Virtual Event, USA. ACM, New York, NY, USA 6 Pages. DOI: [10.1145/3452918.3458799](https://doi.org/10.1145/3452918.3458799)
- Deniz Mevlevioğlu, David Murphy, and Sabin Tabirca. 2021. In Real-time Anxiety Prediction in Virtual Reality Exposure Therapy. in Adjunct Proceedings of the ACM IMX '21, June 21–23, 2021, New York City, US. DOI: [10.6084/m9.figshare.14699751.v1](https://doi.org/10.6084/m9.figshare.14699751.v1)

Work

2018–Current **Tutor and Demonstrator**, *University College Cork*

- Taught and assisted students in such areas as Web Development and Programming, creating tailored lesson plans and study guides on subject matter.
- Enhanced student knowledge of technology by integrating various web-based applications for research and assignments.
- Graded and evaluated student assignments, papers and course work.

2018–Current **Web Developer, Freelance**

- Provided web development for personal and e-commerce websites using WordPress, HTML, CSS and JS.
- Worked with the web designer to synchronize web presence with brand identity and logo.
- Employed search engine optimization tactics to increase reach of targeted audience.

Certificates

2020 Research Integrity, *Epigeum*2017 Pedagogical Formation, *Marmara University*

Contact

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Skills

Academic Research

Virtual Reality

Machine Learning

Tutoring

Web Development

Technologies

Unity, C#, Python,
HTML, CSS, JS, Java,
Latex

Languages

English

★★★★★

Turkish

★★★★★