Serkan Shentyurk

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EDUCATION

Doctor of Philosophy, PhD	2024 - Present
Optical Biology - University College London (UCL), London, UK	
Master of Science, MSc	2022 - 2024
Statistics and Data Science - KU Leuven, Leuven, Belgium	GPA: 14.1 / 20
Bachelor of Science, BSc	2018 - 2022
Molecular Biology and Genetics - Bilkent University, Ankara, Turkey	GPA: 3.8 / 4.0

RESEARCH EXPERIENCE

Learning, Inference, and Memory Lab	*PhD Student*	2025 - Present
Gonçalves Lab	*Graduate Researcher*	2023 - 2024
De Moor Lab	*Thesis Student*	2023 - 2024
Konu Lab	*Undergraduate Researcher*	2022
Bonin Lab	*Undergraduate Researcher*	2020-2021 Summer
Fuss Lab	*Undergraduate Researcher*	2019 Summer

TEACHING EXPERIENCE

UCL	*NEUR0024 Introduction to Python for Neuroscientists- Teaching Assistant*	2025 Fall
UCL	*BIOS0030 Introduction to Coding for Bioscience Research - Teaching Assistant*	2025 Spring
Bilkent University	*CS115 Introduction to Programming - Tutor*	2021 Fall

HONOURS & ACCOLADES

Wellcome Foundation	*Studentship*	2024 - 2028
KU Leuven	*Peter Rousseeuw Scholarship*	2022 - 2024
Scientific Research Council of Turkey	*Undergradaute Scholarship*	2020 - 2022
Bilkent University	*Comprehensive Undergradaute Scholarship*	2018 - 2022

SKILLS

Laboratory Skills |

Handling Drosophila and mice, skull clearing surgery, Behaviour experiments with mice

Programming |

Python, R (proficient), SAS (intermediate), SQL, HTML/CSS, MATLAB, Cypher(familiar)

Statistics |

GLMs, Mixed Models, AR Models, Wavelet Analysis, Data Mining, Dashboarding (Plotly Dash, Streamlit, Stackblitz, R Shiny)

EXTRACURRICULAR ACTIVITIES

Bilkent Genetics Society	*Vice President*	2019 - 2020
Hacettepe Scientific Research Society	*Director*	2017 - 2018
Sports	*Basketball - High School team and amateur club*	2012 - 2016

REFERENCES

Athena Akrami, PhD	*University College London, UK*	athena.akrami@ucl.ac.uk
Pedro Gonçalves, PhD	*NeuroElectronics Research, Flanders, Belgium*	pedro.goncalves@nerf.be
Aslı Ayaz, PhD	*NeuroElectronics Research, Flanders, Belgium*	asli.ayaz@nerf.be