

EDUARD CHELEBIAN KOCHARYAN

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EXPERIENCE

PhD in Computerized Image Processing

September 2020 - Present

Quantitative Microscopy Group, Uppsala University

Uppsala, Sweden

- Supervision: [Carolina Wählby](#) and [Christophe Avenel](#)

As part of the [TissUMaps](#) team, applied and developed weakly-supervised, self-supervised, and unsupervised learning techniques for digital pathology, combining them with bioinformatics methods for spatial-omics analysis in cancer research

Visiting researcher

January 2023 - April 2023

Laboratory for Genome Information Analysis, RIKEN

Yokohama, Japan

- Supervision: [Chung-Chau Hon](#)

Explored methods for integration of spatial-omics, single-cell sequencing and image morphology

Visiting researcher

July 2022 - September 2022

Computational Pathology Group, Radboudumc

Nijmegen, Netherlands

- Supervision: [Francesco Ciompi](#)

Developed a semi-supervised algorithm and an interactive tool for aiding histology annotation

Undergraduate researcher

September 2019 - August 2020

Biomedical Data Science Lab, ITACA Institute

Valencia, Spain

- Supervision: [Juan Miguel Garcia Gomez](#) and [Elies Fuster Garcia](#)

As part of the [ONCOhabitats](#) team, employed artificial intelligence for brain cancer analysis on MRI

EDUCATION

MSc in Biomedical Engineering

September 2019 - July 2020

Medical technology

Polytechnic University of Valencia, Spain

Thesis title: *Study of glioblastoma survival prediction based on convolutional neural networks using multimodal magnetic resonance imaging*

BSc in Biomedical Engineering

September 2015 - June 2019

Information and communications technology

Polytechnic University of Valencia, Spain

Thesis title: *Design of a glioblastoma radiogenomic classifier based on convolutional networks for identifying molecular subtypes from magnetic resonance images*

LANGUAGES

Spanish	Native
Armenian	Native
English	Fluent, C1- Cambridge Advanced Exam (CAE)
Catalan/Valencian	Fluent, C1 - Mitjà
French	B1+ - Diplôme d'Etudes en Langue Française (DELFI)
Swedish and Japanese	Currently learning