

# EDUARD CHELEBIAN KOCHARYAN

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## EXPERIENCE

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### PhD candidate in Computerized Image Processing

September 2020 - January 2025

*Quantitative Microscopy Group, Uppsala University*

*Uppsala, Sweden*

- Supervision: [Carolina Wählby](#) and [Christophe Avenel](#)
- Part of the [TissUMaps](#) team to develop visualization and interactive tools
- Part of the [SciLifeLab](#) for consultancy projects on cancer detection and spatial omics analysis
- Taught undergraduate- and graduate-level courses and directed student projects
- Participated and organized several conferences nationally and internationally

### Visiting scientist

September 2024 - December 2024

*Department of Molecular, Cell, and Developmental Biology, UCLA*

*Los Angeles, California*

- Supervision: [Amjad Askary](#)
- Grant awarded from the Liljevalch travel scholarship
- Combined imaging and spatial omics to identify retina progenitor cells

### Visiting scientist

January 2023 - April 2023

*Center for Integrative Medical Sciences, RIKEN*

*Yokohama, Japan*

- Supervision: [Chung-Chau Hon](#)
- Grant awarded from the Scandinavia-Japan Sasakawa foundation
- Developed MHASt an integration method for spatial-omics, scRNA-seq and tissue morphology

### Visiting scientist

July 2022 - September 2022

*Computational Pathology Group, Radboudumc*

*Nijmegen, Netherlands*

- Supervision: [Francesco Ciompi](#)
- Developed DEPICTER, an interactive tool and algorithm 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](#)
- Part of the [ONCOhabitats](#) team to develop MRI biomarkers for glioblastoma

## EDUCATION

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### MSc in Biomedical Engineering

September 2019 - July 2020

*Medical technology*

*Polytechnic University of Valencia, Spain*

### BSc in Biomedical Engineering

September 2015 - June 2019

*Information and communications technology*

*Polytechnic University of Valencia, Spain*

## LANGUAGES

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**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