

François Charih

Carleton University Biomedical Informatics Colaboratory (cuBIC)

Office: Room 6105, Canal Bldg., Carleton University

1125, Colonel By Drive

Ottawa, ON (K1S 5B6)

✉ francoischarih@sce.carleton.ca

🌐 <http://www.charih.ca>

Research Interests

Computational biology

Applied machine learning

High performance computing

Protein biochemistry

Motor neuron diseases

Cancer

Education

Ph.D. Electrical and Computer Engineering (Computational Biology)

Carleton University

Advisors: [James R. Green \(Engineering\)](#) and [Kyle K. Biggar \(Biochemistry\)](#)

Thesis: Combining experimental and computer-aided methods to uncover and modulate the methyllysine proteome

2019 -

📍 Ottawa, ON

for degree in degrees **degree.degree**

degree.school

Advisor: [degree.advisor](#)

Thesis: degree.thesisitle

degree.years endfor

📍 degree.location

Recent Employment

for employment in employments **employment.title**

employment.employer

employment.years

📍

employment.location

for detail in employment.detailsdetail endfor

endfor

• Publications

Peer-Reviewed Journal Articles

for publication in publications if publication.type == "journal"

[!loop.revindex] publication.string

endfor

Conference Proceedings

for publication in publications if publication.type == "conference"

[Cloop.revindex] publication.string

endfor

Other Manuscripts (e.g. pre-prints, theses, etc.)

for publication in publications if (publication.type != "journal" and publication.type != "conference")

[Oloop.revindex] publication.string

endfor

Presentations and Workshops

for presentation in presentations

[PWloop.revindex] **presentation.title**

presentation.event

presentation.date



presentation.location

endfor

Selected Posters

for poster in posters

[Ploop.revindex] **poster.title**

poster.event

poster.date

 poster.location

endfor

Awards and Honours

for award in awards **award.title**, award.source (award.value)

award.comment

award.year

endfor

Research Mentoring

I have had the great pleasure to act as a mentor to the following students:

for student in mentoring **student.student**, student.type

student.project

student.date endfor

Other

for award in involvement **award.title**, award.source (award.value)

award.comment

award.year

endfor

Languages

- French (native)
- English (fluent)
- Arabic (elementary conversational skills)

Software Skills

Programming languages: Python, JavaScript, Rust, C, Java, Shell scripting

Software libraries: PyTorch, Tensorflow, Keras, Scikit-Learn, Pandas, Numpy/SciPy, DEAP

Markup languages: \LaTeX , Markdown, Org-Mode

Web development: React, Amazon Web Services, Google Cloud, RESTful APIs, HTML5, CSS3

Other: Docker