

# Johanan Idicula

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[jidicula.github.io](http://jidicula.github.io)

I'm a 4th year [Anatomy and Cell Biology](#) student at McGill University in Montréal, Québec. I'm also an undergraduate research assistant at the [Biological and Active Materials Lab](#) under the supervision of Professor Allen J. Ehrlicher in the McGill Department of Bioengineering.

## Research Interests

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Cell Mechanics, [Mechanotransduction](#), Gene Editing via CRISPR, ACTN4, Quantitative Imaging, Image Processing

## Lab Skills

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[Microcontact Printing](#), Quantitative Confocal Microscopy, Mammalian Cell Culture, Plasmid Purification, Bacterial Cell Culture, Traction Force Microscopy

## Languages I Know

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**Programming:** Python, MATLAB, Bash, Java, R

**Markup:** HTML, CSS, LaTeX

**Natural:** French (conversational and basic reading)

## Tools I Use

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Git, TravisCI, Emacs, Eclipse, Atom, FIJI, scikit-image

## Other Skills

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Strong writing and critical thinking

Careful attention to detail

Excellent proofreading and editing

## Web Design

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[MACSS](#)

[Sarina Lalla's E-portfolio](#)

## Education

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### **B.Sc. Anatomy and Cell Biology**

McGill University: *2014–2018*

### **International Baccalaureate Diploma Programme**

Colonel Gray High School: *2011–2014*

## Awards

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### **2018 McGill Anatomy and Cell Biology Research Retreat Undergraduate Travel Award**

Award covering cost of attendance at annual research retreat for trainees and faculty members in the McGill Department of Anatomy and Cell Biology.

### **2014 J.W. McConnell Entrance Scholarship**

McGill entrance scholarship for high school academic performance covering tuition and fees for the first year of the undergraduate degree.