MIHAIL ANGHELICI
Software Developer

Hexaquarks
Portofolio
LinkedIn
Email
5149229885

Skillset

- **Languages/Frameworks** : Java, Javascript, React, Typescript, JavaFX, Python, C, C++, MATLAB, Node.js, OCamel.
- **Tools/Softwares** : Git, Linux (*Ubuntu / WSL*), Scenebuilder, Inkscape, VsCode, GDB.
- **Markup languages** : CSS, SASS, HTML, LaTeX, Markdown, Neovim.

Education

2020 ⟶ Current

McGill University (CGPA ∼ 3.8)
Major. Physics and Computer Science

2018 ⟶ 2020

McGill University
(Hons.) Physics

2015 → 2018

College de Bois-de-Boulogne (R-Score ∼ 32)
Computer Science and Mathematics

Personal Projects

Particle Geometrical Simulation

[Source code]

A particle sandbox with main functionalities being arrangement in shapes and natural forces modelling.

- **Physical phenomena modelling**
  Gravitational force, electrostatic force, and elastic collisions
- **Dynamic shape arrangement and animations**
  Circle, square, diamond, spiral, sunflower spiral ; division of a given shape rotation of shapes with the mouse.

Technologies
Java
JavaFX
CSS
Scenebuilder

Weather Application

[Source code]
[Website]

A graphical weather application with forecast containers and graphs.

- **Weather forecast**
  hourly (24) and daily (7) forecast, with data fetched from an online API
- **Interactive components and animations**
  Carousel containers for daily and hourly forecasts; styled bar charts for daily and hourly forecasts.

Technologies
React
Javascript
CSS
HTML

Honors & Awards

- **Computer Science Excellence Scholarship Award**
  By Ministry of Higher Education (April 2021).