NATHAN BUCHIN

Recenlty graduated, I am deeply passionate about leveraging technology to solve real-world challenges and eager to continuously learn and grow in the dynamic fields of software development and Al.

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TECHNICAL SKILLS

- languages: python, java, js, html/css
- frameworks: react, angular, node, ktor
- mobile dev: android studio, jetpack compose
- databases: MySQL, Cassandra, MongoDB
- tools: docker, kubernetes, git

PROJECTS

- makassar-management: Allows to manage products, clients, orders and their invoices for a bag's business.
- Al gallery: Identifies animals and humans in images and able to cluster human faces.
- Xente fraud detection ML model that helps identifying fraudulent transactions (kaggle).
- Restaurant order app Android app for end users to take orders and an admin dashboard for managing clients, orders and products.

EDUCATION

 Higher Education 2018-2024

ECAM Brussels engineering school Computer science Cum Laude, Woluwe-saint-lambert

 Secondary School 2011-2018 Lycée Berlaymont, Waterloo

 Primary School 2007-2011 Servites de Marie, Uccle

 Pre/Primary School 2002-2007 ISF Waterloo International School, Waterloo

EXPERIENCES

• iCure, La Hulpe

ECAM FINAL YEAR THESIS JANUARY-JUNE 2024

"Design and implementation of an IoT solution, DoS resilient for medical data collection"

- overall security and availability mechanisms/methods
- implementation and cloud deployment
- loadtesting
- optimizations

• OnePoint, Brussels

EXTENSION TO ONEROOM PROJECT MARCH-APRIL 2022

OneRoom was built by MIC to showcase AI power in a playful manner.

- Re-deployment of all project clients
- Adding an IoT challenge to the game incorporated within a web client

LANGUAGES

- French native
- English fluent
- Flemish basic

INTERESTS

Beside my passion for IT and technology, I enjoy spending my free time playing football, listening to music, and swimming.

ABOUT ME

I'm a conscientious person with strong problem-solving determination and easygoing within a team environment. I am dedicated and thrilled to put my knowledge to the test, as well as to expand it.





