YOURI CHANCRIN

Master's degree in Computer Engineering, with a specialization in High-Performance Computing and Data Science.

Contact

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Skills

- Application development
- Back-end
- HPC
- Data Analysis
- Artificial Intelligence
- Robotics

Programming languages

Python Java C C++ C# Kotlin SQL

Languages

French (Native)
English (C1, 7.5 IELTS)
Japanese (bases)

Interests

Piano
Drawing
Philosophy
Skateboarding
Godot

Experience

Turbulent flow prediction using Artificial Intelligence

2025   6 months   Meiji University, Tokyo, Japan

Python - PyTorch - Scipy - Xcompact3D

- Implemented a full research workflow: fluid simulation, data analysis, and AI model training/validation.
- Achieved a 10% accuracy improvement compared to the reference research paper.

AR application development on HoloLens 2.

2024   4 months   CapGemini, France

Unity - C# - MRTK3 - MongoDB Realm

- Designed, built, and deployed installations on exhibition sites.
- Developed shaders for extended reality (XR) applications using HLSL.

Managed game server hosting and developed custom plugins.

2021 - 2024   Self-taught

Java - Kotlin - Linux - Hibernate - PaperMC

- Modeling and persistence of complex data structures.
- Set up development and production environments.
- Ensured server cybersecurity.

Procedural settlement generation

2022   10 weeks Tsukuba University, Japan, Remote

Python - Numpy - Minecraft - Research environment

- Third place in the Generatve Design In Minecraft Competition

Education

2025   **5-year Engineer degree (Master's degree equivalent) in computer science**

Enseirb-MATMECA, Bordeaux INP, France

2022   **2-year technical degree in computer scence**

Bordeaux University Institute of technology, France

University Diploma in Robotics

2020   **High school diploma in Science**

Saint-Joseph de Tivoli, Bordeaux, France

With honors