

FANNY DESJARDINS

Game Developer | Mathematician | Project Manager |

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in FannyDesjardins

FannyDesjardins

fannydesjardins.github.io

SKILLS

Programming

C++ Unreal Engine 5 DirectX 11
PhysX 5 Git GDScript Godot 4
Game AI L^AT_EX

Languages

French ●●●●●
English ●●●●●
Japanese ●●●●●
Chinese ●●●●●

Soft Skills

Communication Teamwork Quick Learner
Adaptability Proactive Problem Solving
Attention to Detail Public Speaking
Popularization

PROJECTS

- </> Multiplayer game on Unreal Engine 5 (ongoing)
- </> Game on Unreal Engine 5 (2025)
- </> Racing game with DirectX11 and PhysX5 (2024)
- </> 2D Game in GML for GAMERella Game Jam (2024)
- </> Platform game in GDScript for GAMERella Game Jam (2023)
- </> Minesweeper game in Javascript and React.js (2022)
- </> Website in HTML5 and CSS (2022)

EXPERIENCE

Mathematics & Computer Science Teacher

| **Universities and Cegeps of Province of Quebec** 📅 2013 – 2024

- Prepare curriculum, lesson plans and teaching materials.
- Develop, give and grade exams and assignments.

Project Manager

| **Premier Tech (Rivière-du-Loup)** 📅 2022

- Organize, implement, and oversee engineering projects
- Accompany clients in all stages of project implementation.

Assistant Language Teacher

| **JET Programme, Takanabe Senior High School, Japan** 📅 2018 – 2020

- Design and lead fun and interactive activities.
- Promote Canadian and Quebec cultural components.

Development Tester

| **Ubisoft Quebec** 📅 May – Aug 2015

- Quality control and testing of Assassin's Creed Syndicate

EDUCATION

Master in Computer Science - Video Game Development

| **Université de Sherbrooke** 📅 2024-2025

Short Graduate Program in Project Management

| **UQAR** 📅 2021-2023

M.Sc. Mathematics

| **UQAM** 📅 2015 – 2018

Thesis Subject: Knot Theory

B.Sc. Mathematics

| **Laval University & University of Hertfordshire (UK)** 📅 2012 – 2015

Cultural and linguistic exchange at HIST, Hunan Province, China.
Senior thesis subject: Knot Theory

DISTINCTIONS

-  Master's thesis judged "Excellent" (2018)
-  Best presentation for the Bachelor in Mathematics senior thesis (2015)
-  Speech in Japanese to the Governor of Miyazaki Prefecture at the JET Programme departure ceremony (2020)
-  Jury's Favorite prize at KGP Competition (project management, 2021)
-  3rd place at KGP Competition (project management, 2021)

OTHER TRAINING

-  Certificate in Green Building Design (2024) | Académie Adapt
-  TEFL (Teaching English as a Foreign Language) (2018) | University of Toronto
-  Undergraduate Attestation in Modern Languages – Chinese (2014) | Hunan, China

INTERESTS

- Video Games
- Science & Technology
- Languages
- Piano
- Martial Arts
- Guitar
- Travelling
- Wood Working
- Knitting
- Painting

INVOLVEMENTS AND COMMITMENTS

Executive manager of social platform

| **Last Fortress Underground**

 2022-2023

- Coordinate a group of 90 users.
- Manage interactions between the different committees.

Vice-President of MAJET

| **Miyazaki Association of JET Programme**

 2019 – 2020

- Organize events.
- Provide support and resources to foreign residents.
- Connect foreigners with the local Japanese community.

President and Vice-President of AECSM of UQAM

| **Postgraduate Students in Mathematics Union**

 2015 – 2017

- Ensure the administrative, financial and legal well-being of the association.
- Coordinate academic and professional networking activities.

Animation of Mathematics popularization activities

| **UQAM - 24 Hours of Sciences**

 2017

- Animation of popularization activities in mathematics:
 - Mathematics themed walking tours
 - Mathematical magic tricks

Support mathematics projects

| **Association MATH.en.JEANS**

 2017

- Support research and development of school projects.

Volunteer

| **AQJM (Association Québécoise des Jeux Mathématiques)**

 2013 - 2016

- Correct and proctor exams.
 - Coordinate filing and send out copies and results.
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