

SA - 1

SAMI AICH

Software Developer

1 GENERAL DESCRIPTION

Versatile and driven software developer, specialised in turning requirements into robust digital solutions. Strongly interested in cybersecurity, artificial intelligence and emerging technologies. A reliable team player with a project management mindset, able to plan and prioritise effectively to meet the objectives set.

2 TIMELINE

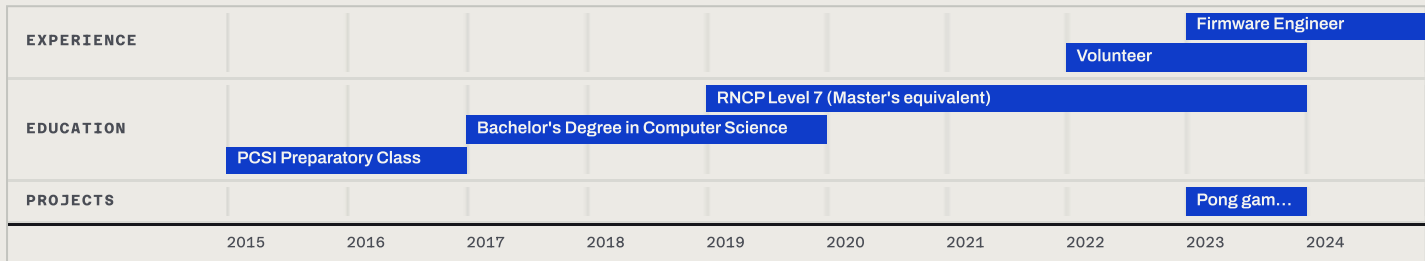


Figure 1 Timing characteristics — experience and education — 2015–2024

3 EXPERIENCE

3.1 Firmware Engineer / Itron

2023 – 2024

- 3.1.1 Developed and maintained firmware for a range of devices.
- 3.1.2 Worked with cross-functional teams to improve product features.
- 3.1.3 Ran testing and debugging to guarantee high-quality deliverables.
- 3.1.4 Automated test scenarios in Python and validated them on LTE modems.

3.2 Volunteer / 42 Paris campus

2022 – 2023

- 3.2.1 Supported the campus team with administrative tasks.
- 3.2.2 Welcomed and guided students.
- 3.2.3 Maintained the campus computer equipment.

4 EDUCATION

4.1 RNCP Level 7 (Master's equivalent) / École 42

2019 – 2023 · Paris, France

- 4.1.1 Project-based curriculum: systems, networking, algorithms, web development.

4.2 Bachelor's Degree in Computer Science / Université Paris Diderot

2017 – 2019 · Paris, France

4.3 PCSI Preparatory Class / Lycée Saint-Louis

2015 – 2016 · Paris, France

5 PROJECTS

5.1 Pong game website / University project, École 42

2023 · React, NestJS, PostgreSQL

- 5.1.1 Built the website backend and handled DevOps.
- 5.1.2 User authentication through OAuth2.
- 5.1.3 Real-time Pong game, chat and matchmaking.

6 REFERENCES

Available on request



A CONTACT

Location	Antony, France
E-mail	sami.aich.pro@gmail.com
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B SKILLS

Languages	C, C++, Java, Python, Rust
Backend	NestJS, Node.js
Frontend	React
Databases	PostgreSQL, MongoDB
Embedded	firmware, Cortex-M33, STM32, LTE modems
Systems	Linux, macOS, Windows
Tools	Git, Docker, Power BI

C LANGUAGES

French	native
English	fluent
Spanish	intermediate