

Alexandre Cholat

Student in the penultimate year of an undergraduate degree in Mathematics, Computer Science, and Cognitive Sciences, I am seeking a software engineering internship for the summer of 2025. I hope to contribute a passion for innovative AI and my wealth of entrepreneurial experiences to your team.

Experience

Cargill, Research and Development Intern

May 2024 - July 2024

- Conceived and developed an AI assistant for the sales team, utilizing NLP and RAG to identify urgent client visits, generate personalized recommendations, and provide insights into client behavior. Azure API integrations.
- The AI assistant is set for deployment in fall of 2024 and will generate an estimated 438,000 euros in profit, enhancing client prospecting and reducing turnover. Presented POC to the board of directors.
- Created a logistics automation tool using Python to calculate the optimal configuration of pallets, considering constraints like load-bearing, cylindrical item handling, and weight distribution. This tool will be deployed in post production to automate planning, optimize pallet packing, and reduce late deliveries.

Gentleman Moving LLC, Founder (GentlemanMoving.com)

June 2022 - Present

- Founded and developed a small business, gaining skills in project management, team management, and leadership.
- Developed skills such as customer service, marketing, management, communication, and logistics to ensure the operational success of the company.

IntelliVisit, Intern

May 2021 - July 2021

- Mapped medical data to categorize symptoms into numerical values for the development of a medical AI software for emergency physicians.

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Skills

- Programming Languages: Java, Lisp, Python, R.
- OpenAI GPT building
- Prompt engineering and conversational AI design patterns
- Web Development and SEO
- First aid and traumatic brain injury prevention training, Red Cross certifications.
- Driver's license and MN DOT commercial vehicle certified (26,000 pounds).
- Certified commercial drone pilot, FAA Part 107.

Volunteer Work

Leader, Scouts and Guides of France- Teaching young people to live together and be good citizens.

St.Johns Philanthropy Committee member - Study and allocation of funds to local organizations, supporting community-focused initiatives through strategic grants.

Education

Université Grenoble Alpes, Grenoble— *MIASHS* (*Mathematics and Computer Science Applied to Cognitive Sciences*)

September 2023 - Present

A multidisciplinary program encompassing AI, neuroscience, linguistics, information systems design, object-oriented and functional programming languages, data analysis, linear algebra, multivariable calculus, probabilities, and scientific methodology. Emphasis on project management and collaboration, presentation of semester long projects. Ranked 7th.

Pépité oZer, Grenoble— *National Entrepreneurial Student Status*

September 2024 - Present

After evaluation and presentation of my project by a jury of experts, I received status for development of an AI-powered feedback tool. Participated in workshops, conferences, and mentorship in project development, communication, marketing, and crowdfunding.

Université Grenoble Alpes, Grenoble— *Mechanical Engineering*

September 2022 - May 2023

Completed one year of studies in mechanical engineering, mathematics, computer science, chemistry, mechanics, electronics, and CAD.

University of Minnesota, Minneapolis

September 2020 - May 2022

University education in mathematics, biology, and english, in parallel with high school. (PSEO program)

Washburn High School, Minneapolis

September 2018 - May 2022

Languages

- English, C2

- French, C2

- Spanish, B2