

Alexandre Cholat

Student in Mathematics, Computer Science, and Cognitive Sciences. Looking to build custom GPTs for companies interested in integrating AI into their workflows and products. Check out my website at alexandrecholat.software.

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.
- The AI assistant is set for deployment in fall of 2024 and will generate powerful data analysis, improve sales pitches, and achieve an estimated 438,000 euros in profit, enhancing client prospecting and reducing turnover.
- Created a tool using Python to calculate the optimal configuration of pallets, considering constraints like load-bearing, cylindrical item handling, and weight distribution. This tool will 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.

Constellation Yacht Charters, Captain

June 2023

- Managed a charter sailboat in Panama, coordinating daily activities and sea excursions including itinerary planning, navigation, budgeting, cooking, and entertainment for international clients.
- Guided water sports activities, focusing on safety and reef protection awareness.

Minneapolis Sailing Center, Sailing Instructor

Mai 2021- Août 2022

- Taught sailing lessons for both children and adults, and educated participants on concussion safety and risk management practices.

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Skills

- Programming Languages: Java, Lisp, Python, R.
- Custom 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).
- Sailing and yacht navigation (7000 nm).
- 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.

Member, Jardin sans Frontières- Gardening in solidarity with and for migrants, to facilitate their integration into society.

Languages

- French, native speaker
- English, native speaker

IntelliVisit, Intern

May 2021 - July 2021

- Spanish, fluent

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

Education

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

September 2023 - Present

A multidisciplinary program encompassing AI, neuroscience, ergonomics, linguistics, and information systems design. Learning object-oriented and functional programming languages, algorithms, data analysis, and predictive analysis. Will be starting second year of the program.

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 statistics, biology, and English, in parallel with high school. (PSEO program)

Washburn High School, Minneapolis

September 2018 - May 2022