

Gaetan Almela

My name is Gaetan, and I am a 22 year old programmer looking for an internship in Software Engineering, Data Science, or Machine Learning.

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WORK EXPERIENCE

SIG — *Real-world trading software*

Philadelphia | Jun – Aug 2023

Implemented an inter-process communication system for software used by hundreds of traders every day.

Arandis — *Data science in finance*

France | Mar – Apr 2021

Developed over **60 fully automated** web scrapers to extract ETF fund data every day.

Amazon Marketplace — *Scraping the web*

France | Jan – Mar 2019

Developed a fully automated marketplace scraper to extract **over 30,000 data points** from competitors including pricing, and seller databases.

PROJECTS

obx — *Object manipulation done right*

[GitHub](#) / [npm](#) | 2022

obx is a super fast, tiny, well documented, and battle-tested object manipulation library for JavaScript.

Klue — *Remembering the Kanji*

[GitHub](#) / [Website](#) | 2019 – 2022

Klue is a flashcard website designed to help you remember the Kanji using spaced repetition and by giving you statistics on your learning.

Accents — *Accent support for Chrome*

[GitHub](#) / [Web Store](#) | 2019

Co-founder of Accents, an extension for Chrome that adds easy accents to the keyboard. It emulates the accent system of MacOS while adding keyboard shortcuts and functionalities.

At its peak, the extension had over **40,000 users**.

EDUCATION

University of Maryland

Fall 2019 – Spring 2024

Computer Science and Mathematics Double Major. Expected to graduate May 20th 2024.

CMSC320 Data Science , **CMSC420** Data Structures , **CMSC422** Machine Learning , **CMSC424** Database Design , **CMSC451** Advanced Algorithms , **STAT410** Probability Theory

SKILLS

Web: React, Redux, GraphQL, MongoDB, PostgreSQL, Actix Web

Data Science: Numpy, Pandas, SciKit Learn, SciPy, Jupyter

Programming Languages: Rust, JavaScript, Go, Python, Shell

Other: Efficient with **GNU/Linux**, Fluent in **English** and **French**, Rubik's Cube World Championship 2017 Contestant.