

# 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 2023 – Aug 2023**

- Implemented a data syncing system for software **used by hundreds of traders every day**.
- Developed and deployed a remote REST API to keep track of data relations between independent instances of the trading system.
- Learned invaluable lessons working with larger teams, code bases, and shipping software that scales.

### **Arandis** — *Data science in finance*

*France* | **Mar 2021 – Apr 2021**

- Developed over **60 fully automated** Selenium web scrapers to extract ETF fund data every day.
- Got hands-on experience with data analysis in Numpy and Pandas.
- Learned how to work in a team of other developers.

### **Amazon Marketplace** — *Scraping the web*

*France* | **Jan 2019 – Mar 2019**

- Developed a fully automated scraper to extract **over 30,000 data points** from competitors.
- Learned valuable lessons in structuring and writing larger programs.

## 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 20<sup>th</sup> 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.