

# Nicolas Ollivier

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## EDUCATION

### New York University

September 2023 – May 2027

*Bachelor of Arts in Computer Science, Minor in Finance*

*New York, NY*

- GPA: 3.48/4.0
- Relevant Coursework: Data Structures and Algorithms, Design and Analysis of Algorithms, OOP, Computer Architecture, Operating Systems, Discrete Mathematics, Data Analysis, Databases, Computer Networking
- Accolades: Dean's List (2024-2025)

## EXPERIENCE

### AI Trainer

October 2025 – Present

*Handshake AI*

*New York, NY*

- Analyzed high volumes of image model completions to identify errors and improve model performance
- Reviewed analysis of other trainers to successfully maintain a high-quality data pipeline

### Software Engineering Intern

May 2025 – August 2025

*Mayflower Worlds*

*Raleigh, NC*

- Led early-stage **VR proof-of-concept development** for the game Balloon Bats, resulting in successful validation and the commitment of a full development team and resources
- Implemented highly requested features from customers which were used by **10000+ users**
- Designed a scalable store backend with **C# and PostgreSQL** to support the purchase and syncing of four new cosmetic types, leading to **395% growth in revenue** per paying customer from May to June
- Created an analytics board using **Node.js** and **React** to track performance of store cosmetics and top customers
- Identified and fixed **50+ bugs** by analyzing and **cleaning up AI-generated legacy code**
- Improved **performance by 40%** for Quest 2 Users through careful use of the **Unity Profiler**

### Software Engineering Intern

July 2022 – August 2022

*Thai Informatic Systems*

*Bangkok, Thailand*

- Deployed a **full-stack** chatbot feature, connecting a **JavaScript** front-end with the Google Dialogflow API
- Created a forecasting web-app using **Matplotlib, Pandas, and IPyWidgets**

## PROJECTS

### Pick My Bite | *React Native, AWS, PostgreSQL*

June 2025 – Present

- Developed a full-stack restaurant discovery mobile app in **React Native** and **Node.js**
- Implemented a caching layer for **Google API** requests using a **PostgreSQL database** to reduce costs
- Deployed serverless backend to **AWS Lambda**

### Ollama Market | *Python, Flask, Numpy, Ollama*

September 2024 – April 2025

- Developed a **full-stack web application** using **Flask** to serve a HTTP Server with a **JavaScript frontend**
- Engineered a high-performance order-matching engine in Cython with an ultra-low **2  $\mu$ s** average order latency
- Built local autonomous agents by using Ollama and Gemma 3-4B to implement a basic tooling framework

## TECHNICAL SKILLS

**Languages:** Java, Python, C/C++/C#, SQL (Postgres), JavaScript, HTML/CSS

**Frameworks:** React, Node.js, Express.js, Flask, Vite

**Developer Tools:** VS Code, GitHub, Git, Google Cloud Platform (GCP), phpMyAdmin, AWS