

AXEL MANNESSIEZ

New-York, NY, USA • axelmannessiez@gmail.com • <https://axlm.nz> • <https://linkedin.com/in/axel-mannessiez>

French Engineering School Master's Degree graduate adept of both analytic and creative thinking, driven by problem solving and creative/technological challenges, always providing innovative and fitting ideas. Trusted by team and superiors, highly detail-oriented and displaying an ability to learn rapidly about a variety of subjects.

SKILLS & LANGUAGES

Web: JavaScript, TypeScript, React, Redux, Jest, Playwright, Vue.js, Nuxt.js, Astro.js, HTML, CSS, Sass, Tailwind, Supabase, Accessibility, Google Search Console
Programming: Python, PHP, C#, Java

Tools: GitHub, GitLab, Bitbucket, Azure Pipelines, Netlify, Docker, IDEs (VSCode, Zed), Jupyter Notebook
Data: SQL, NoSQL, DB Modeling, Numpy, Pandas, R
Graphic Design: UI & UX, Figma, Affinity Designer

Soft Skills: Visionary & Perceptive • Strong Work Ethic • Curiosity • Adaptability • Eye for Design • Positive Attitude • Ability to Prioritize • Highly Respectful of Others

Languages: French (native), English (fluent, TOEIC: 990/990), Spanish (intermediate)

EDUCATION

ISEP – Computer Engineering School

Paris, France

Master's Degree in Computer Science and Digital Technologies – Highest Honors

Sep 2020 – Jul 2023

Relevant Coursework: Full-Stack Web Development • Algorithmics & Programming • Databases & Big Data • Data Analysis in Python • AI & Optimization • Business Intelligence • Computer Architecture

University of California, Berkeley

Berkeley, CA, USA

Exchange Semester, Berkeley Global Access Program (BGA) – GPA: 3.925

Aug 2022 – Dec 2022

Relevant Coursework: Web-App Development • Statistics & Data Science • Data Analysis • User-Interface Design

ISEP – Integrated Preparatory Classes

Paris, France

Undergraduate Intensive Courses – Jury's Congratulations each year

Sep 2018 – Jun 2020

Relevant Coursework: Mathematics • Physics • Engineering Sciences • Computer Science in Python

PROFESSIONAL EXPERIENCE

Witbe – Test Automation and Monitoring Software for Video Providers

New-York, NY, USA

Front-End Developer, Website

Nov 2024 – Present

- Refactored legacy codebase while delivering new features and timely marketing-led website updates (React, Gatsby)
- Built the next-generation website (Astro.js, TypeScript), driving architectural decisions by conducting technical proof-of-concept evaluations, and focusing on performances, SEO and accessibility
- Modeled and deployed a Content Management System (Strapi) aligned with design specifications and marketing goals, ensuring one-for-one migration of 100+ content pieces from multiple data sources

CANAL+ – Premium Television Channel and Streaming Service

Paris, France

React Front-End Developer, Web Video Player Team

Feb 2023 – Nov 2024

- Developed new features, implemented improvements and bug fixes to enhance the experience of the streaming service's video player on both Web and TV versions (25M+ subscribers), coordinating with Product & Design teams
- Led code reviews, ensuring compliance with best practices, maintaining code quality, and mentoring 2 junior engineers
- Oversaw release management, handling new releases, critical hotfixes, and progressive deployments in production
- Improved the team's daily productivity with internal tools: a web-app allowing direct testing of multiple development versions of the Player and a browser extension enhancing GitLab interface with 10+ advanced features

BeezUP – Software Editor in the E-Commerce sector

Paris, France

Web & Data Developer – Intern + Freelance

Jul 2021 – Jun 2023

- Designed and developed a year-end retrospective personalized for 100+ customers based on their sales data: automation of SQL-based client segmentation & data extraction, KPI generation and building of an animated presentation (Vue.js)
- Improved the UX and performances of an API-driven client-facing tool, redesigned and rebuilt from the ground up
- Improved SEO score by 50% and facilitated back-office administration of the commercial WordPress website

ENTREPRENEURSHIP EXPERIENCE

AXL. Customs – Creation of Custom-made Vinyl Collectibles

Paris, France

Founder

Aug 2017 – Present

- Created and currently run part-time a B2C small business, selling limited-edition custom-made figures internationally through social media (20K+ combined followers)
- Handled ideation, art direction, design and production stages of the project, working with artists and music labels