

Tomas Maillo.com

A highly skilled Computer Science and Artificial Intelligence student with strong technical abilities in TypeScript, ReactJS, NodeJS, and experience in delivering web projects in fast-paced environments.

Education

University of Edinburgh - *BSc Computer Science and Artificial Intelligence* **Sept 2021 - Expected Jun 2025**

Modules including Functional Programming, Data Science, Linear algebra, Calculus, Object Oriented Programming, Computer Simulation, Algorithms and Data Structures.

English School of Asturias - *Secondary education*

Sept 2006 - Jul 2021

A-levels: Maths A*, Computer Science A*, Spanish A*, Chemistry A

Professional Experience

Spotify - *Web Engineer Intern*

May 2022 - Sept 2022



Developed and implemented a central web hub to unify teams and direct missions across Spotify.

- Aim: Construct non-technical user-editable internal websites that unify various data sources and an efficient backend to support the data flow between layers.
- Tools: TypeScript, ReactJS, NextJS, GraphQL, NodeJS and Contentful.
- Technical requirements: Ensured redeploying confidence by implementing E2E type safety.
- Presentation: Conducted weekly updates with key stakeholders.

COP26 - *Web Engineer*

Oct 2021 - Nov 2021



Worked alongside an independent journalist to deliver a public-ready website in a week.

- Focused on reliability and mobile first design to maximise public reach.
- Implemented a unique URL tracking system to measure QR effectiveness using Google Analytics

Some Personal Projects

TomasMaillo.com - <https://tomasmaillo.com/>

Sept 2022

Single Handedly developed and designed a portfolio website using ReactJS and React-Three-Fiber with the aim of showcasing recent achievements and the reach of my abilities.

BTCGlobe - <https://btcglobe.tomasmaillo.com/>

Mar 2021

Constructed a 3D representation of estimated locations of Bitcoin transactions in real time. Self-taught ThreeJS and WebSocket handling to visualise an interactive globe.

Skills

- Strong professional and personal experience with TypeScript, ReactJS and NodeJS
- Academic experience with Python, Java, R and Haskell
- Spanish (native), English (fluent), French (B2 Level), German (Basic)

Links

-  github.com/tomasmaillo
-  tomasmaillo.com
-  [tomas-maillo](https://www.linkedin.com/in/tomas-maillo)
-  tomasroma64@gmail.com

References available upon request