Giacomo Pasin

Home : Via Roncole 51, 31100, Treviso, Italy

Email: giacomo.pasin@gmail.com   **Phone:** (+39) 3939173698

Website: https://giacomopasin.com

LinkedIn: https://www.linkedin.com/in/jackpasin/

Date of birth: 17 Jan 2004   **Nationality:** Italian

ABOUT MYSELF

CS Student, IB Graduate and travel lover, passionate about Computer Vision, AI, Nuclear Physics, Optics, Robotics, Web Technologies, Basketball and Culinary Culture

Countries visited:
Austria, Belgium, Canada, France, Germany, Hungary, Iceland, Jamaica, Japan, Luxembourg, Slovenia, Spain, Sweden, Switzerland, United Kingdom. United States, The Netherlands

WORK EXPERIENCE

[8 Aug 2021 – Current]

Shareholder & CTO

T.W.I.N srl

City: Treviso | **Country:** Italy

- **Enhance Technology Infrastructure**: Upgraded existing technology infrastructures, organized digital permissions, and updated programs to adhere to GDPR and privacy standards, ensuring compliance and data security.
- **Optimize Software Platforms**: Handled the setup and maintenance of software platforms, integrating new technologies to enhance employee productivity and streamline workflows.
- **Implement CRM Solutions**: Set up a CRM platform managing over 5,000 contacts, with integrated email marketing and newsletter capabilities, reaching over 2,000 unique receivers per month.

[4 Nov 2024 – Current]

Foundations of Data Analytics Development Team & Calculus TA

EuFlex - TU/e

City: Eindhoven | **Country:** Netherlands

Building jupyter notebooks test frames and exercises for the course "Foundations of Data Analytics". It involved:

- Testing exercises and notebooks by writing the exercises
- Writing test cases for the 1000+ student submissions
- Development of AI detection script parsing over 2000+ student submissions
- Weekly meetings with Professors and the Foundations of Data Analytics course team

Conducted weekly tutoring sessions for first-year bachelor students for the cource "Calculus". It involved:

- Teaching a group of over 15 students
- Providing feedback on the students' work and weekly homework
- Correcting midterm and final exams
- Create LaTeX/Beamer presentations

[4 Sep 2019 – 8 Aug 2021]

Junior Technology and Web Designer

T.W.I.N srl

City: 31100 | **Country:** Italy

- **Enhance Network Efficiency**: Implemented new network infrastructures to enable effective remote working, ensuring maximum uptime and shared resources within the company while maintaining data security.
- **Secure File Sharing**: Collaborated with Data Protection experts to design secure file sharing options, ensuring optimal strategies for data protection.
- **Optimize Collaborative Tools**: Set up Google Workspace, leveraging tools like Google Drive for file sharing, Gmail for secure communication, and Google Vault for data retention, enhancing team collaboration and productivity.

- **Streamline Digital Presence**: Configured new domains and website addresses, establishing the company's online presence from scratch.
- **Innovate Workflow Solutions**: Developed the Media Center, a software platform serving as a single point of reference for all press releases and news for clients, and created internal tools to expedite workflows.

EDUCATION AND TRAINING

[1 Sep 2023 – Current]

Bachelor in Computer Science and Engineering

Eindhoven University of Technology   https://tue.nl

City: Eindhoven | **Country:** Netherlands | **Field(s) of study:** Computer Science and Engineering

[1 Sep 2020 – 31 May 2022]

International Baccalaureate Diploma

International School of Talents - Multicampus

Address: Via Adriano Olivetti 1, 31056, Roncade, Italy | | **Final grade:** 40/45

[4 Sep 2021 – Current]

Leader of the future

The European House - Ambrosetti   https://www.leaderdelfuturo.eu/

Community Member

LANGUAGE SKILLS

Mother tongue(s): Italian , English

Other language(s):

Spanish

LISTENING B2 **READING** B2 **WRITING** B2

SPOKEN PRODUCTION B2 **SPOKEN INTERACTION** B2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

DIGITAL SKILLS

My Digital Skills

Programming Languages and Technologies

TypeScript | CSS | JavaScript | JSON | Jupyter Notebooks | Python | Git | Docker | Linux | HTML | Postman | GitHub | Redis | MongoDB | WordPress | Blade | php | Squarespace CMS

Office Tools

Google Workspace | Microsoft Office | Windows | MacOS

SOFT SKILLS

My soft skills include:

- Problem Solving
- Analytical Mindset
- Aptitude to Research
- Team Leadership
- Public Speaking
- Motivated
- Independent
- Perseverant

PROJECTS

Whisper Transcription App

A speech-to-text app, built on top of OpenAI's Whisper, built by AI codegen platforms as a PoC of what can be created fast using next-gen technologies.

Link: https://github.com/jackpeck2004/whisper-transcription-app

Studio Anna Di Giorgio Website

A clean website representing to showcase the works and methodology of an interior designer and architect based in Milan. Personally curated both the brand design and identity, as well as the website design and development. Currently a work in progress.

Link: https://studioannadigiorgio.com/

[2 Mar 2023 – Current] **T.W.I.N Company Website and Maintenance**

The redesigned website for T.W.I.N srl boasts a visually stunning and technically advanced platform. It features a dedicated section for publishing press releases, accompanied by engaging galleries of images, videos, and attached files, all meticulously designed to optimize SEO, improve page speed and provide a seamless user experience.

Link: https://twin.services

T.W.I.N Internal Tools

A set of tools to empower the various departments at T.W.I.N to work efficently. Includes an event participation manager with CRM integration, a searchbar to discover investors in various fields, document generation for IT departments, automatic client activity report generation and more.

[1 Feb 2021 – Current] **T.W.I.N media center platform design, creation and maintenance**

An app part of the twin.services website where the company publishes press releases and shares them with the target communities. Every press release is accompanied by a gallery of images, videos and a series of attached files improving the SEO of the issued news. I personally designed the platform (UI/UX) and then developed it by learning php and blade as the platform is powered by a WordPress backend.

Link: https://twin.services/media-center

SPECT Scanner Simulation

Write here the description...A simulation of a SPECT scanner created for a summer course I participated in. It is a representation of what SPECT scanner detects, and how that data can be manipulated using collimator grids or sources of different dimensions.

Link: https://github.com/jackpeck2004/SPECT_scanner_simulation

Eigenvector Centrality Web Crawler

A web crawler which creates an Eigenvector centrality graph starting from a web page. It saves the graphs to json and reads if already exists. It was started a school project and is not developed personally in free time to expand knowledge on web science algorithms

Simple Blockchain

A basic blockchain implementation created using linked lists. The idea is derived from a lecture given during the IB CompSci HL course. It was created to apply my knowledge and to better perceive blockchain's potential.

SPORT

[20 Sep 2010 – Oct 2022] **Basketball**

- **Balanced Success**: Achieved success by balancing academic study, personal interests, and sports.
- **Passion**: Developed a lifelong love for basketball, appreciating its competitive nature and mental clarity benefits.
- **Perseverance and Teamwork**: Learned perseverance through injuries and the crucial importance of teamwork.
- **International Experience**: Lived in the US, attending a renowned prep academy during my post-grad "gap" year to further pursue my passion for basketball.