

Antonio Carmagnani

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| OBJECTIVE | Highly motivated professional with a background in architecture and computation, combining expertise in programming, data analysis, and problem-solving. Skilled in leveraging data-driven methodologies to optimize processes, analyze complex systems, and deliver actionable insights. Passionate about contributing to innovative projects in real estate, technology, and sustainability by applying a unique interdisciplinary perspective. | |
| EXPERIENCE | Trainee @ Isay Weinfeld | São Paulo, BR |
| | 02.2023 - 07.2024 | |
| | <ul style="list-style-type: none">Conducted real-time data analysis using Python and Grasshopper to optimize building orientation and configurations for increased energy efficiency, leveraging tools like Ladybug and Galapagos for machine learning processes.Automated parametric modeling workflows by developing Python scripts in Grasshopper.Analyzed geolocation and environmental data to inform architectural decision-making, integrating data visualization techniques to present findings.Applied algorithmic problem-solving to streamline design processes, creating scalable solutions used in small and large-scale residential, commercial, and institutional projects. | |
| | Product Development Trainee @ OSPA | São Paulo, BR |
| | 02.2022 - 08.2022 | |
| | <ul style="list-style-type: none">Responsible for conceiving volumetric and numerical feasibility studies of large-scale mixed-use buildings in Miami, São Paulo, and Porto Alegre. | |
| | Architect @ Felipe Hess | São Paulo, BR |
| | 07.2021 - 02.2022 | |
| | <ul style="list-style-type: none">Conducted detailed project development and analysis, ensuring accuracy and alignment across architectural drawings and 3D models for residential and commercial projects.Utilized advanced 3D modeling and rendering tools to translate design concepts into precise, visually impactful representations.Streamlined workflows and improved design compatibility by analyzing and resolving inconsistencies across architectural and engineering drawings. | |
| | Founder @ VIZU Studio | São Paulo, BR |
| | 01.2021 - 08.2022 | |
| | <ul style="list-style-type: none">Founded and managed an architecture visualization studio, overseeing end-to-end project workflows and ensuring timely delivery of high-quality 3D renderings for clients.Collaborated with clients to understand project goals and translate complex design concepts into visually compelling and data-informed visualizations. | |
| | Project Management Intern @ Itaú-Unibanco | São Paulo, BR |
| | 11.2020 - 07.2021 | |
| | <ul style="list-style-type: none">Developed dashboards in Excel using VBA to track and analyze the bank's furniture inventory, improving efficiency in project development processes across Latin America's largest bank.Automated data collection and reporting workflows, enabling real-time insights and reducing manual effort. | |
| EDUCATION | B.Arch. in Architecture and Urbanism @ Mackenzie University | São Paulo, BR |
| | 07.2018 - 12.2023 | |
| present | M.Arch. in Architecture Computation @ Det Kongelige Akademi | Copenhagen, DK |
| | 08.2024 - 07.2026 | |
| SKILLS | <ul style="list-style-type: none">Tools: experience using Python, SQL, HTML, JavaScript, Adobe and Excel package.Languages: English (fluent), Danish (limited), Portuguese (native), Spanish (fluent).Creating visual analytics or dashboard applications.Developing and implementing algorithms for optimization and efficiency.Strong communication and collaboration with multidisciplinary teams.Detail-oriented approach to problem-solving and workflow efficiency. | |