

SANTIAGO VOLIO SOLEY

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EDUCATION

Stanford University, Stanford, California

Master of Science (MSc) degree in Sustainable Design & Construction

(September 2025 - June 2027)

- Fellowship Recipient.

Costa Rica Institute of Technology, Cartago, Costa Rica

Bachelor of Science (BSc) degree in Construction Engineering

(February 2018 - September 2023)

- Teaching Assistant to the Dean of Faculty of Engineering in the Structural Steel Design Course.
- Recipient of Honor Scholarship in recognition of outstanding academic performance.

WORK EXPERIENCE

Portafolio Inmobiliario, San José, Costa Rica

Project Engineer

(June 2024 – August 2025)

- Oversaw on-site construction activities to ensure projects are completed on schedule and within budget.
- Ensured quality control by inspecting construction work for accuracy and adherence to plans.
- Coordinated construction issues with project managers, architects, engineers, and subcontractors.
- Managed project documentation, including plans and specifications, schedules, and change orders.
- Managed cost control for the project to maintain budget adherence throughout the project lifecycle.

Projects:

- Avenida Escazú 301 and 302 (San José) – Scope: Led the development of two 10-story mixed-use buildings, encompassing a total area of 450,000 ft².

Bildtek Steel Framing, San José, Costa Rica

Field Engineer

(October 2023 – March 2024)

- Managed the construction of panelized light-gauge steel framing systems, planning and executing activities while coordinating personnel and equipment needs based on project requirements.
- Collaborated with the construction manager to define project objectives, establish procedures, and set up data collection methods to track labor efficiency and project milestones.
- Managed and reported on the project's budget, schedule, and quality, addressing any issues that could impact costs or timelines, while ensuring compliance with specifications.

Projects:

- Solaris Conchal (Guanacaste) – Scope: Led the installation of the panelized steel framing exterior curtain walls, penthouse load-bearing walls and roof structures of 3 6-story buildings and 1 7-story building.

Cost-Control Engineer

(August 2023 – September 2023)

- Developed and updated the breakdown of budgeted vs. actual vs. projected costs.

Projects:

- Ritz Carlton Hotel (Guanacaste) – Scope: Installed 300,000 ft² of roof structures for 47 buildings.

Pre-Construction Engineer

(August 2022 – July 2023)

- Led BILDTEK's entry into the U.S. market. Negotiated key contracts and secured the first cold-lead sale.

Estimator

(October 2021 – July 2022)

- Structured panelized steel framing proposals for projects up to \$6M for the U.S. and Costa Rican markets.

ADDITIONAL INFORMATION

Software: Excel, MS Project, PROCORE, Revizto, AutoCAD, Autodesk Civil 3D, Revit, SAP2000, Bluebeam, QuickBase, Monday, and LaTeX.

Languages: Spanish: (Native); English: (Fully Proficient - TOEFL: 105/120).

Professional Affiliations: Member, CFIA. (Costa Rican Engineering License).