

# 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 ft<sup>2</sup>.

**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 ft<sup>2</sup> 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).