

ALBINO FERRERAS, P.E.

Tel. 802.262.5177 albinof@stanford.edu

Licensed Professional Engineer (99059) with expertise in project and budget management, seeking to drive innovation in sustainability-focused initiatives. Skilled in solving complex problems, optimizing resources, and leading teams to achieve engineering and business goals.

EDUCATION

STANFORD UNIVERSITY Master of Civil Engineering <ul style="list-style-type: none">Focus: Sustainable Design and Construction (Energy)	PALO ALTO, CALIFORNIA 2025-2026
COLUMBIA UNIVERSITY Master of Science Sustainability Science <ul style="list-style-type: none">Focus: Energy and Water ResourcesGPA: 4.11 / Awarded: Earth Institute Sustainability Fellowship	NEW YORK CITY, NEW YORK 2024-2025
UNIVERSIDAD METROPOLITANA Bachelor's Degree in Civil Engineering <ul style="list-style-type: none">Thesis: Modelling of Regular and Irregular Steel Buildings Comparing the Use of Software SAP2000 and ETABSAwards: Graduated with the highest GPA of the Class of 2020 / Ranking no. 1Leadership Role: 2017, 2018 Civil Engineering School Treasurer / Especially challenging during the demise of the Venezuelan Bolivar	CARACAS, VENEZUELA 2015-2019
DID DEUTSCHE-INSTITUT – LANGUAGE SCHOOL <ul style="list-style-type: none">Achieved C1 levelTestDaF: 4-4-4-5 – Test of German as a Foreign Language	BERLIN, GERMANY 2014-2015

PROFESSIONAL EXPERIENCE

DRAGADOS USA – PRINCE CONTRACTING LLC. Senior Project Engineer <i>FDOT Design Build I-95 3B-1 (\$105 MM) & 3B-2 (\$148 MM), FDOT Hard Bid Okeechobee Rd SR25 (\$105 MM - Ongoing)</i> <ul style="list-style-type: none">Managed all activities related to bridges, retention walls, concrete pavement, and pump stations (\$37 MM total)Developed and analyzed cost-to-complete forecasts, projections, and strategies, reporting monthly to headquartersOptimized the original CPM schedule, reducing project duration by ~20%, increasing early completion incentives by 45%Executed cost-saving initiatives and design refinements, resulting in \$7MM in savingsDeveloped and revised project budgets, CPM schedules, and four-week lookaheadsManaged monthly billing, cash flow projections, and change order processingCollaborated in 5+ new project bidding offersPrepared insurance/client claims and successfully recovered over 90% of the amounts	FT. LAUDERDALE, FLORIDA 2023-2024
Project Engineer <i>3B-2 (\$148 MM – Ongoing) - & FDOT Hard Bid Okeechobee Rd SR25 (\$105 MM – Ongoing)</i> <ul style="list-style-type: none">Developed and maintained Cost to Complete, Forecasts, Projections and Strategies on a monthly basis and reported to HeadquartersPerformed quantity takeoffs, tracked project quantities, and cost for self-performed roadway, drainage activities and for subcontracted asphalt, ITS, maintenance of traffic, and lighting activitiesReviewed contract and specifications in its entirety assisting with claimsPrepared project buyout and led procurement, generated and customized project contracts for 50+ vendors and subcontractorsUtility new construction/relocation coordination for 20+ utility companies	2022-2023
Field Engineer <i>FDOT Design Build I-95 3B-1 (\$125 MM) - & 3B-2 (\$158 MM)</i> <ul style="list-style-type: none">Managed technical submittal list, NPDES permits, Storm Water Pollution Prevention Plan, contract plans, RFIs and SDs. Also created, reviewed and managed project submittals, plan revisions, permits, change orders and work ordersExecuted project closeoutProvided necessary support to Project Manager and Project Superintendent coordinating deliveries of equipment and material, procuring and drafting all necessary change ordersDelivered all works on schedule, under budget and collected the early completion bonus from the client (FDOT)Reviewed 25+ daily reports for crews and subcontractors	2020-2021
KORE POWER – (PREVIOUSLY NORTHERN RELIABILITY) Field Engineer (Full-time Intern) <i>Energy storage systems (6 MW/13 MWh) for Today's Power and NextEra in Arkansas</i> <ul style="list-style-type: none">Contributed to system design, manufacturing, quality control, installation, and testingAssembled units in-house to ensure compliance with project specifications	WATERBURY, VERMONT 2019-2020

MARCUARD HERITAGE (ASSET MANAGEMENT)**ZURICH, SWITZERLAND****Intern**

Summer 2019

- Conducted research on private banking services, including regulations, compliance requirements, and “know your customer” (KYC) processes.
- Analyzed portfolios, developed diversification proposals, and evaluated financial products to support asset management strategies.

ARBORMETA (LIDAR-BASED FOREST MAPPING)**LOCKHART RIVER, AUSTRALIA****Intern**

Summer 2018

Internship in non-profit organization developing a reforestation method. Conceptualized and assisted hands-on in the construction of a flora research laboratory. Optimized the schedule of construction by 12% by restructuring the phasing of the project

PERING & GRUPO AUSTRAL JOINT VENTURE**CARACAS, VENEZUELA****Assistant Project Manager (part-time)**

2016-2019

- Designed and implemented a calendar to standardize work progress measuring of 20+ work crews (250+ workers)
- Reviewed engineering plans to monitor and ensure compliance with project specifications and code requirements
- Oversaw delivery of concrete pours conducting and sample safety tests
- Designed a methodology for tracking workflow in a standardized manner resulting in a significant improvement in the allocation of workforce and resources
- Responsible for overseeing installation of rebar steel required for a 27-story high-end office building
- Supervised 20+ work crews

ADDITIONAL INFORMATION

CITIZENSHIPS: Venezuela; USA; Spain (EU)**LANGUAGES:** Spanish (native); English (fluent); German (fluent); Python (proficient); VBa (proficient)**COMPETENCIES:** AutoCAD; Civil 3D; Microsoft Office; SAP2000; ETABS; Bluebeam**LICENSES & CERTIFICATIONS:** Professional Engineer (FBPE); Florida Stormwater Erosion and Sedimentation Control Inspector (Florida Department of Environmental Protection); Construction Quality Management for Contractors (U.S. Army Corps of Engineers, Jacksonville District)