

ALBINO FERRERAS, P.E.

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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	PALO ALTO, CALIFORNIA
Master of Civil Engineering	2025-2026
• Focus: Sustainable Design and Construction (Energy)	
COLUMBIA UNIVERSITY	NEW YORK CITY, NEW YORK
Master of Science Sustainability Science	2024-2025
• Focus: Energy and Water Resources	
• GPA: 4.11 / Awarded: Earth Institute Sustainability Fellowship	
UNIVERSIDAD METROPOLITANA	CARACAS, VENEZUELA
Bachelor's Degree in Civil Engineering	2015-2019
• Thesis: Modelling of Regular and Irregular Steel Buildings Comparing the Use of Software SAP2000 and ETABS	
• Awards: Graduated with the highest GPA of the Class of 2020 / Ranking no. 1	
• Leadership Role: 2017, 2018 Civil Engineering School Treasurer / Especially challenging during the demise of the Venezuelan Bolivar	
DID DEUTSCHE-INSTITUT – LANGUAGE SCHOOL	BERLIN, GERMANY
• Achieved C1 level	2014-2015
• TestDaF: 4-4-4-5 – Test of German as a Foreign Language	

PROFESSIONAL EXPERIENCE

DRAGADOS USA – PRINCE CONTRACTING LLC.	FT. LAUDERDALE, FLORIDA
Senior Project Engineer	2023-2024
FDOT Design Build I-95 3B-1 (\$105 MM) & 3B-2 (\$148 MM), FDOT Hard Bid Okeechobee Rd SR25 (\$105 MM - Ongoing)	
• 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 headquarters	
• Optimized 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 savings	
• Developed and revised project budgets, CPM schedules, and four-week lookaheads	
• Managed monthly billing, cash flow projections, and change order processing	
• Collaborated in 5+ new project bidding offers	
• Prepared insurance/client claims and successfully recovered over 90% of the amounts	
Project Engineer	2022-2023
3B-2 (\$148 MM – Ongoing) - & FDOT Hard Bid Okeechobee Rd SR25 (\$105 MM – Ongoing)	
• Developed and maintained Cost to Complete, Forecasts, Projections and Strategies on a monthly basis and reported to Headquarters	
• Performed quantity takeoffs, tracked project quantities, and cost for self-performed roadway, drainage activities and for subcontracted asphalt, ITS, maintenance of traffic, and lighting activities	
• Reviewed contract and specifications in its entirety assisting with claims	
• Prepared project buyout and led procurement, generated and customized project contracts for 50+ vendors and subcontractors	
• Utility new construction/relocation coordination for 20+ utility companies	
Field Engineer	2020-2021
FDOT Design Build I-95 3B-1 (\$125 MM) - & 3B-2 (\$158 MM)	
• 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 orders	
• Executed project closeout	
• Provided necessary support to Project Manager and Project Superintendent coordinating deliveries of equipment and material, procuring and drafting all necessary change orders	
• Delivered all works on schedule, under budget and collected the early completion bonus from the client (FDOT)	
• Reviewed 25+ daily reports for crews and subcontractors	
KORE POWER – (PREVIOUSLY NORTHERN RELIABILITY)	WATERBURY, VERMONT
Field Engineer (Full-time Intern)	2019-2020
Energy storage systems (6 MW/13 MWh) for Today's Power and NextEra in Arkansas	
• Contributed to system design, manufacturing, quality control, installation, and testing	
• Assembled units in-house to ensure compliance with project specifications	

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)