

SIMON SEGAL

8777 Collins Ave., Unit 1203, Surfside, FL 33154

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PROFESSIONAL SUMMARY

- * Professional Engineer
- * Highway and Bridge Engineer
- * Real Estate Development and Construction
- * Financial Engineering & Forecasting
- * Master of Business Administration
- * Product Control Reviewer Senior Engineer
- * Construction Management
- * Structural Engineering
- * Adjunct Professor of Real Estate Development & Finance, College of Business Administration, FIU

PROFESSIONAL SKILLS

PRODUCT CONTROL (State of Florida) (5 years of experience; 8,000 Products)

- * Certification Agency Reviewer
- * Test Reports Reviewer
- * Miami-Dade BCCO (HVHZ) Reviewer
- * Reference Standards, Florida Bldg. Code *High Velocity Hurricane Zone
- * Chapter 9B-72 Dept. of Community Affairs, Florida Building Commission, Florida Statutes
- * Product Categories: Exterior Doors, Windows, Panel Walls, Roofing Products, Shutters, Skylights, and Structural Components
- * Evaluation Report by Prof. Engineer Reviewer
- * Evaluation by Entity Reviewer
- * AAMA, UL, NAMI, ICC Certifications

HIGHWAY & BRIDGE DESIGN ENGINEERING (Over 8 years of experience)

- * Structural Bridge Design
- * Foundations & Soils Designs
- * United States Interstate Highway System
- * Highway Computer Geometrics Designs
- * Plans & Specifications
- * Streets & By-ways

REAL ESTATE DEVELOPMENT (Over 16 years of experience)

- * Office Building Construction
- * Reinforced Concrete Repairs
- * Commercial Land Development
- * Governmental Permitting
- * Condominium Construction
- * Residential Remodeling
- * Design-Build Contracts
- * Plans Preparations

CONSTRUCTION MANAGEMENT (Over 16 years of experience)

- * Critical Path Method of Scheduling (CPM)
- * Job-cost Controls & Payrolls
- * Program Evaluation Review Technique (PERT)
- * Value Analysis

CONSTRUCTION & REAL ESTATE FINANCING (Over 16 years of experience)

- * Underwriting Construction Loans
- * Commercial Mortgage Backed Securities (CMBS)
- * Underwriting Permanent Loans
- * Secondary Mortgage Market

STRUCTURAL ENGINEERING (Over 12 years of experience)

- * Beams, Columns, Slabs, Footings
- * Reinforced Concrete
- * Allowable Stress Design Method (Working Stress Design)
- * Wind Load Designs, Section 6, ASCE 7
- * Steel Design
- * Strength Design Method (Load & Resistant Factor Design)

GRADUATE & UNDERGRADUATE TEACHING EXPERIENCE (Over 8 years of experience)

- * International Real Estate Development (Grad; FIU)
- * Financial Management (Undergraduate, FIU)
- * Financial Modeling & Forecasting (Grad. FIU)
- * Hotel Engineering (Undergraduate, Cornell)

PROFESSIONAL EXPERIENCE

A&A ARNOLD & ASSOC., INC., HIALEAH, FL and **TED BERMAN & ASSOC., LLC,** MIAMI BEACH, FL
Product Control Reviewer Senior Engineer, 03/2005-Present

SIBER, INC. & FLORIDA REAL ESTATE OF MIAMI, INC., MIAMI, FL
President, 10/83-02/06 Portfolio: \$30,000,000

C.K. CONSTRUCTION ASSOCIATES, INC., BAY HARBOUR, FL
Senior Engineer, 07/89-02/06

SIMAR CORPORATION of AMERICA, MIAMI, FL
President, 04/81-12/96 Portfolio: \$15,000,000

S.S. INVESTMENTS, INC. & INVESTEX REALTY CORP., INC., MIAMI, FL
President, 07/73-01/86 Portfolio: \$10,000,000

SIMON SEGAL CONSTRUCTION, MIAMI BEACH, FL
Project Manager, Owner 01/72-10/75

COMPU-TIME, INC., FORT LAUDERDALE, FL
Computer Marketing Representative (Time-sharing applications for Engineers & Architects), 04/69-06/72

RADER & ASSOCIATES, MIAMI, FL
Structural & Bridge Design Engineer, 03/65-02/66 and 06/68-06/69

BRIGHTON ENGINEERING COMPANY, MIAMI LAKES, FL and INDIANAPOLIS, IN (with Headquarters in Frankfort, KY), Structural & Bridge Design Engineer, 03/66-06/68

OTHER SKILLS

LICENSES: Professional Engineer, Building Contractor, Real Estate Broker, Mortgage Broker
COMPUTER: Internet, Windows, Microsoft Word & Excel, Lotus, Basic, Fortran
LANGUAGES: Fluent in Spanish; Conversational Portuguese, Italian and French

EDUCATION

* **CORNELL UNIVERSITY,** Ithaca, NY (Feb 1965) Degree: **BACHELOR OF SCIENCE IN CIVIL ENGINEERING**
Major: Structural and Civil Engineering
(On Aug 1988, the Dean of Engineering at Cornell University issued me a “**DEAN’S CERTIFICATE OF ADVANCED ENGINEERING STUDY**” for having completed a five-year course of study in 1965 that under present registration would lead to a degree of **MASTER OF ENGINEERING**)

* **FLORIDA INTERNATIONAL UNIVERSITY,** Miami, FL (Aug 1982) Degree: **MASTER OF SCIENCE IN MANAGEMENT**
Major: Construction Management and Real Estate Management

* **FLORIDA INTERNATIONAL UNIVERSITY,** Miami, FL (April 1987) Degree: **MASTER OF SCIENCE IN FINANCE**
Major: Construction Financing and Underwriting

* **FLORIDA INTERNATIONAL UNIVERSITY,** Miami, FL (April 1999) Degree: **MASTER OF BUSINESS ADMINISTRATION**
Major: Construction Management and Financing

OTHER ACTIVITIES AND ACCOMPLISHMENTS

Construction Trades Qualifying Board (Nominee), Miami, Dade County, FL (1971)

American Society of Civil Engineers, Life Member, (1966-present)
South Florida Chapter: Treasure (1968), Secretary (1969)

Florida Engineering Society, (1971-1999)

National Society of Professional Engineers, (1971-1999)

Society of American Military Engineers, (1973-1999)

Cornell Society of Engineers (1971-2007)

Keys to the City: Miami and South Miami

Who's Who (Marquis):

Who's Who In America

In the World

In the South and Southwest

In Science and Engineering

In Finance and Industry

Among Students in American Universities and Colleges

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