

Antonio Dueño Vega
URB. HACIENDA SAN JOSE LE-107
CAGUAS, PUERTO RICO 00727
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Education : **Professional Engineer License 12377**

UNIVERSITY OF PUERTO RICO at MAYAGUEZ, Mayaguez, PR 1993-2000
College of Engineering. Master of Science in Civil Engineering,
College of Engineering. Candidate for Doctor of Philosophy in Civil Engineering
G.P.A. 3.98 / 4.00

GEORGIA INSTITUTE OF TECHNOLOGY, Atlanta, GA 1990-1991
College of Engineering. Master of Science in Electrical Engineering,, December 1991
G.P.A. 3.86 / 4.00

UNIVERSITY OF PUERTO RICO at MAYAGUEZ, Mayaguez, PR 1984-1990
College of Engineering. Bachelor of Science in Electrical Engineering, May 1990
G.P.A. 3.98 / 4.00
College of Engineering. Bachelor of Science in Computer Engineering, May 1990
G.P.A. 3.99 / 4.00

Experience :

Jan 02 – Present Integrated Engineering Services, P.S.C. Coamo, P.R. Founder & Consultant

Engineer. Relevant projects include:

1. Development of Parque Pasivo San Antonio, a recreative park with a medium size water park integrated into the site.
2. Special Community Rio Jueyes, Coamo Puerto Rico. Rehabilitation of housing units (220) and some improvement to the community infrastructure.
3. Mansiones de Lomalinda, new private housing development at San Sebastian, Puerto Rico.
4. Structural Design of public school Juan C Ozuna, Trujillo Alto, Puerto Rico
5. New Fedex Facilities at Mercedita Airport, Ponce, Puerto Rico.
6. New Electronic Library facilities at Rio Jueyes Ward, Coamo, Puerto Rico.

Jan 95 – Present **ENGINEERING CONSULTANT**

Work as consultant in the areas of Structural Engineering, Civil Engineering, Electrical Engineering, Computer Programming, and Accounting. Duties include: electrical design; structural design; administration of in-house computer network; and installing, programming and administrating of the accounting system. Some of the companies served are:

Arq. Monica Santiago, Guaynabo, PR
Arq. Hernan Morales & Assoc., Hato Rey, PR.
Three 0 Construction, S.E., Naranjito, PR
Opti Manufacturing, Fajardo, PR.
Baldosas & Acabados, Hato Rey, PR.
P.R. Electric Power Authority, San Juan, PR.
Design Build, Toa Baja, PR.
Ortiz Group, Toa Alta, PR.

- Aug 92 – May 2001: **University of Puerto Rico Mayaguez, PR**
 Assistant Professor teaching courses like numerical methods for civil engineers and C language. Duties include creating the syllabus for the course, preparing and performing the lectures, preparing homework and tests, and grading the students.
- Jun 92 - Aug 94: **Puerto Rico Electric Power Authority San Juan, PR**
 Electrical Engineering in the area of Information Systems. Duties include giving support to other areas in the Division. Management of the computer network and development of new software to solve specific problems related to the power industry
- Jun 91 - Aug 91 **Puerto Rico Electric Power Authority Aguirre, PR**
 Assistant Engineer working in a gas turbine. Duties include assisting the manager in the daily duties of running a power plan, collecting the performance data and handling the purchases of supplies and equipment.
- Sep 90 - Dec 91: **Georgia Institute of Technology, Atlanta, GA**
 Assistant Professor teaching courses like fundamental electronics for non-electrical engineers. Duties include preparing and performing the lectures, preparing homework and tests, and grading the students.
- Aug 88 - Dec 88 **IBM, Kingston, NY**
 Electrical Engineering intern in the area of logic design. Designed a 32-bit multiplier for the memory address module of a mainframe computer. Performed other programming tasks.

Activities : Solar Decalo Competition in Washington DC (2001, 2009), Assistant in the Civil Engineering Talent Show (UPR 1996), Member of the Directive Board of the AEIC (1989-1990), Member IEEE, SAE. Project leader for fund raising activities in the Tau Beta Pi (1988 - 1990), Judge in Tech-Search Competition (GA Tech 1991), Assistant in Electro Tech (UPR 1989), Won third place in DomCom (Computer Domino) competition.

Honors : Dean's List (1985 - 1990) Valedictorian Electrical Eng. Dept (1990)
 Member Tau Beta Pi Valedictorian Computer Eng. Dept (1990)
 Phi Kappa Phi Best Student Award High School (1984)

Skills : Fluent in English and Spanish, excellent communications abilities, very organized, highly train to analyze and solve problems, above average analytical and visualization skills, able to analyze problems objectively and creating innovative solutions, able to work in groups or alone, very efficient working under pressure.

Computer Skills Extensive knowledge of PC-Compatible computers including hardware, software, programming and network administration. Good programming skills in: C, Basic, Visual Basic, Visual C, FORTRAN and Pascal. Extensive knowledge in all versions of the Windows operating systems including server versions and many software packages.

References: Available upon request