

Education

CFA Level II Candidate

University of Puerto Rico, Mayaguez Campus

Bachelor of Science in Mechanical Engineering, Magna Cum Laude

GPA: 3.6/4.0

Experience

Present *Math Tutor, Huntington Tutoring Center Dunwoody*

- Assist in implementing the Huntington Curriculum in the learning center.
- Provide subject tutoring in classes as algebra, trigonometry, calculus and the math section of standardized test like the ACT and SAT

Fall 2012 *Intern, Maresur Capital LLC*

- Prepared valuation for the acquisition of two fast food restaurants and a \$600M SBA loan application package, which was approved by the corresponding financial institution
- Created financial projections for the carrying expenses of Monte Fiori, a construction project consisting of fifty residential units valued at \$5,800M, where I worked on the input variables for the support of the valuation of the project
- Obtained a \$200M line of credit for an accounting firm to finance account receivables and normalized cash flows smooth out seasonal effects

Fall 2012 *Engineering Capstone Design Project, Merck- Arecibo, PR*

- Provided a cost savings of \$400M/year with an implementation cost of less than \$100M
- Performed a technical analysis to redesign the air conditioning system in order to minimize energy wasted and reduce utility costs

2009-2012 *Founder and Tutor, Dextra Tutoring Services*

- Organized students into group sections in order to maximize efficiency, make sessions more cost-effective for college students, and encourage sharing and integration
- After building a strong client base, moved clients to an online tutoring system, which eliminated \$800 in monthly office expenses, while providing a better experience for clients
- Served thirty university students weekly, with \$700 in income/week, while studying full-time

2008-2009 *Math Tutor, University of Puerto Rico, Math Department*

- Assisted college students with their Math courses, clarifying questions about complex concepts and working on practice exercises to help them succeed in their courses

Memberships and Skills

Bilingual (English and Spanish)

Series 65 Investment License

Programming skills in Excel VBA, Python, and Matlab