Msc. EDWIN DUQUE

Happy husband. In love with my two children. Faith man.
⌂ Road 44 # 62 south – 38. Sabaneta –Colombia

edwin.duque@outlook.com

+57 318 401 0788

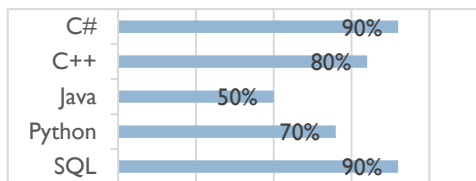www.linkedin.com/in/dea398

edwinnui.wordpress.com

Publications

YouTube channel

OBJECTIVE

I love to create things and help others, so I am determined to think, design and build innovative tech solutions that solve toughest problems in healthcare as well as to influence others to do the same

SKILLS

Programming Languages:

Language	%
C#	90%
C++	80%
Java	50%
Python	70%
SQL	90%

Soft Skills:

- Problem Solving
- Leadership
- Positive Attitude
- Teamwork
- Self-Teaching
- Assertive Communication

EDUCATION

María Cano University. Undergraduate in Systems Engineering.
Thesis: Interactive software games-based for support in the process of learning the English language, for children and pre-teens. *Graduated* in September 2006. Cumulative GPA: 4.4/5.0

EAFIT University. Graduate certificate in Computer Networks and Distributed Systems. *Graduated* in December 2009. Cumulative GPA: 4.2/5.0

EAFIT University. Master of Science in Engineering. *Advisor*: Helmuth Trefftz.
Thesis: Natural interaction through a computer's avatar that guides low literacy citizens to interact with eHealth software. *Graduated* in September 2014. Cumulative GPA: 4.2/5.0.

EAFIT University. PhD candidate. *Advisor:* Helmuth Trefftz. *Dissertation*: A computer-based model to determine rehabilitation progress of patients with U.L reduced mobility. *Committee*: Sakti Srivastava, Stanford University. Marilyn Tremaine, Rutgers University.

Stanford University. School of Medicine, Visiting Student Researcher. Winter/Spring 2018.
Topics: Neurorehabilitation, Automated Assessment, VR sensors, Spinal Cord Injury.

UNAM Mexico. Neurorehab Lab, Visiting Student Researcher. *Topics*: Clinical Assessments, Virtual Reality, Stroke. Summer/Autumn 2017.

CorrelationOne – MinTic. Data Science training. 2019.

WORK EXPERIENCE

Software Development and Management:
From April 2005 to February 2009, I worked as *a software developer* for PSN Systems and in Participemos company. I was responsible for business processes automation through software applications. From February 2014 to January 2016, I worked for Eafit University and Celerik as *a researcher and senior developer* leading a team and developing a Retail Analytics App which uses a depth camera and computer vision techniques.

Professor:
Since 2008 to present, I have been a computer science professor in topics such as *software programming, databases, among others;* in different universities in Colombia such as: Eafit, Salazar y Herrera, María Cano, Pascual Bravo, Sena and Católica del Norte.

Leadership:
From July 2010 to December 2011, I worked for María Cano University as *System Engineering Program Director*. In charge of the academic process which includes research, curriculum, student advisory, leading and hiring professors. As highlighted goals I point out the curriculum update, acceleration of the formative research and teaching staff qualification. As a volunteer at the United Pentecostal Church, I have been a *youth leader* for about 10 years. Also, I have been a *Microsoft Student Partner* since 2013.

PRESENTATIONS, HONOR AND AWARDS

Presentations:
Poster in Big Data Precision Health Conference, Stanford University. *Research presentation* in Microsoft Research SEIF 2013, Brazil. *Poster* in eScience Workshop 2013, Brazil. *Research Presentation* in Virtual Educa 2013, OEA. Campus Party 2013 and WOWZAPP *Speaker*.

Honors and Awards:
Fulbright Colombian PhD Student *Grant* in 2017. *Mention* of Honor for academic merits, Escolme – María Cano in 2003. *Mention* of Honor Project Blueprint Competition and World Citizenship Competition / Microsoft in 2014. *First place* in the Business Initiatives Competition / Eafit, 2015. *Microsoft Student Partner* 2013-2018.