Erick Garcia

PO Box 26175, El Paso, TX 79926 +52 (656) 375-64-77 garcia.erick.cs@gmail.com https://garciaerick.bitbucket.io https://www.linkedin.com/in/egarcia87/

EDUCATION:

 O University of Texas at El Paso Bachelor of Science - Computer Science O University of Texas at El Paso Associate of Arts - Computer Science August 2014 ○ El Paso Community College GPA 3.81 PROFESSIONAL EXPERIENCE: Graduate Research Assistant in Web Semantics and Ontologies Data Integration for Digital GeoTimescale Mapping (2016) ○ Semantic-annotating of Research Lab Activities for Data Sharing (2015) Software Engineering Intern at Intel Hawthorne Farms Campus in Hillsboro Oregon June 2017 ○ Added functionality to the group software for factory automation equipment using test-driven development with unit and mock testing. ○ Added functionality to their current continuous integration system. This functionality is based on virtualization and communication between hosts and clients through Windows Communication Foundation (WCF); accessible through http requests for monitoring the current state of the source code. Software Engineering Intern at Intel Hawthorne Farms Campus in Hillsboro Oregon June 2016 ○ Creation of Windows installer with WPF using MVVM architecture Research internship at the Army High Performance Computing Research Center Summer Institute at Stanford University ○ Real-Time Computer Vision on Quadcopters (2015) Tutor/Mentor at Center for Students with Disabilities at El Paso Community College PROFESSIONAL DEVELOPMENT PARTICIPATION: Hispanic Engineer National Achievement Awards Corporation (HENAAC) Conference at Anaheim, CA research presenter ○ Data Integration for Digital Geofield Mapping (2016) Computing Alliance of Hispanic-Serving Institutions (CAHSI) Summit Conference O Examplic Alliance of Hispanic-Serving Institutions (CAHSI) Summit Conference Se	 Master of Science – Software Engineering (Cybersecurity Specialization) 	Expected Graduation:	
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- Programming Languages: C, C#, C++, Java, PHP, Javascript, and assembly.
- Methodologies: SCRUM, SOLID (Clean Code), Test Driven Development (TDD), User-First UX Design
- Patterns: MVC, MVVM
- Creation of Database Content Management Systems using MVC architecture

HONORS AND AWARDS:

•	GEM Fellowship Awardee	2016	
•	Valedictorian at Instituto Mexico High School	2012	
CO	COMMUNITY ACTIVITIES:		
•	Leading church youth group as a pastor, and volunteering for community service	2012 - Present	
•	Building low resource homes for needed Tarahumara homeless families in Mexico	2012 - Present	
•	Catholic Youth National Congress Participant	2012	