Enrique O. Hernandez

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Education	**B.S., Computer Science and Technology (ITC)** (Expected graduation date: Dec/Fall 2016)
	Instituto Tecnológico y de Estudios Superiores de Monterrey *(Monterrey, Mexico)*
	Certificate in Intelligent Systems and Visual Computing
	GPA: 93.5/100
	University of California at Berkeley *(Berkeley, USA) Summer 2015 - Honors Program*
	University of Texas at Austin *(Austin, USA) 2012*
	University of Texas at El Paso *(El Paso, USA) 2011-2012*
	Institut de Touraine *(Tours, France) 2010-2011*
Work Experience	**Base22 - Enterprise Web developer** (2016 - currently), Enterprise Web Developer.
	Axented - iOS Developer Swift (2015-2016), developed iOS mobile apps using Swift.
	Crawling 101 (Kinedu), It involves many views, REST API, video streaming and different cocoa pods frameworks. (https://goo.gl/7Jl6ij)
	Video calling app, developing a P2P video call app using WebRTC, TURN and STURN signaling servers, REST API, and cocoa pods.
Experience	**Software Languages** Swift, Java, C++ (Advanced), C, Python (Intermediate), Objective-C (Basic)
	Web HTML, CSS, JavaScript, PHP, Ajax, JSP/Java (Intermediate)
	DataBase SQL (Intermediate)
	Exposure to Haskell, Prolog, Scheme, Erlang, BASH
	Tools Git, Xcode, Eclipse, NetBeans, VisualStudio, Asana, Unity
Spring (2016)	**Compilers**: Created Light Programming Language using PLY (Python lex/yacc implementation), focused on graphical output. Includes: functions, arrays, conditions, cycles. Supports recursive calls. (Python, PLY)
	Computer Graphics: Video game to fight addictions (targeted to young audiences). 3D space exploration game, using a spaceship your mission is to destroy addictive substances. (C++, OpenGL, SDL2)
	Video Games: Created a Tower Defense video game. Used A* Pathfinding in game. (Unity, JavaScript)
	Hackathon: HackMTY (Monterrey), finalist and winner of Icalia challenge, Google Chrome extension that hides potential TV series spoilers (face recognition) in Facebook news feed. (PHP, Javascript)
Fall (2015)	**Hackathon:** MxHacksIII (Mexico City), winner of IDEA challenge, web based personal finance administrator for small business. (PHP, SQL, JavaScript, Bootstrap)
	Robot: Using a Robot NAO and OpenCV Library, implemented a soccer penalty kick. (C++)
Summer (2015)	**Python programming:** Terminal output chat service. (Python, SQL)
Spring (2015)	**Web:** Fully functional (Web) Jeopardy game administration interface. (Javascript, JSP, SQL)
	Web: Excel to SQL PHP module. (PHP, SQL)
	Mobile Development: iPad APP, computer's memory administrator book. (Objective-C)
Fall (2014)	**Web:** Developed a web based store to buy & sell books. (PHP, SQL)
	Networks: UDP, chat service (JAVA)
Spring (2014)	**DataBases:** DB to manage connections between ITESM's professors and external clients (Oracle's APEX)
	Video Games Intro: Developed a fully functional 2D runner VideoGame (Java)
Academic Awards	**Honor Roll** Top 5 GPA in CS School 97.1/100 (ITESM Monterrey, Fall 2015)
	International Honors Program Scholarship (University of California at Berkeley, 2015)
	University Dean's list - GPA 4.0 (University of Texas at El Paso, 2011)
	DELF B2 (Diplôme d'études en langue française, 2011)
	Multi-cultural diploma with international experience in Europe (ITESM, 2010)
Languages	Fluent in **Spanish**, **English** and **French** (speaking, writing, reading and comprehension)
Academic Involvement	**AECH** (Chihuahua State Student Association) Treasurer (ITESM, 2014)
	French and Chinese Courses (2007-2010)
Electives	Linguistics (UT Austin), Marketing (UC Berkeley),
	Machine Learning (ITESM), Beliefs Systems & Globalization (ITESM).