

Jose Varela

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OBJECTIVE Seeking employment in a software related field that will allow me to utilize and enhance my computing knowledge and technical skills for the benefit of the company.

EDUCATION **The University of Texas – Dallas:** B.S. in Software Engineering, Anticipated May 2018
G.P.A. 4.0/4.0
Specializations: Embedded Systems
Credit Hours: 149

ACADEMIC PROJECTS **Secure Patient Portal | Fall 2017**

- Used the MVC design pattern to create a patient portal with a passwordless login that allows viewing and altering of medical records while conforming to the CISS Model, all while HIPAA compliant

Fighter Jet Architecture | Spring 2017

- Worked jointly with classmates to produce an architectural design for the F-35 fighter jet using the '4+1 View Model' so to precisely describe the specification of the software architecture

Client / Server Video Streaming | Spring 2017

- Implemented a streaming video server and client that communicate using Real-Time Streaming Protocol and send data using Real-Time Transfer Protocol.

Ecommerce Services | Fall 2016

- Designed and implemented services and DAOs that support an ecommerce site's requirements using JDBC, and then updated to Hibernate. Verified functionality with custom JUnit testing.

Operating System Simulation | Fall 2016

- Designed a simulation of an operating system, where the CPU reads and interprets a wide variety of instructions from memory, and gets interrupted by a timer and system calls.

PROFESSIONAL EXPERIENCE **Production Expeditor:** Assurant March 2016 – August 2017

- Worked in a team to facilitate and expedite the company's distribution process

Host: The Courtyard Villa February 2013 – April 2014

- Interacted with guests to provide an exceptional level of service under heavy time constraints

Intern: City of Grand Prairie November 2011 – February 2012

- Helped construct a plan for the replacement of a faulty pipe

TECHNICAL SKILLS	Programming Languages:	Java	C/C++	Python	Assembly	Verilog
	Web Technologies:	CSS	HTML	JavaScript	Node.js	PHP
	Database Technologies:	MySQL	NoSQL	AWS		
	Operating Systems:	Linux/Unix	Windows 7,8,10			
	Real Time Development Environment:	Eclipse	NetBeans	Visual Studio	SolidWorks	AutoCAD

SKILLS 5 years experience in teams environment
5 years experience in problem solving (academic)
Languages: English, Spanish (fluent)

MEMBERSHIP **Phi Theta Kappa:** Member

Date: Fall 2015

AWARDS AND HONORS **Dean's List:** University of Texas at Dallas
President's Honor Roll: DCCCD
Phi Theta Kappa Scholarship: UTD

Fall 2016- Spring 2017
Fall 2013 – Spring 2015
Fall 2016 -