

# Denver Lobo

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## Education

<b>Florida Institute of Technology, Melbourne, FL</b> Master of Science in Computer Science GPA 3.1	May 2018
<b>Visvesvaraya Technological University, Karnataka, India</b> Bachelors of Engineering in Computer Science	Jun 2013

## Skills

Java, Python, C, C++, C#, .NET, AngularJS, JavaScript, HTML, CSS, JSP, php, Linux, bash, mongoDB, SQL, PLSQL Developer, SVN, spring, maven, TensorFlow, Git, AWS

## Experience

<b>Contec Americas Inc., Melbourne, FL</b> <i>Computer and Systems Engineering Intern</i> <ul style="list-style-type: none"><li>System automation achieving reduced downtime</li><li>Designed and implemented IoT architecture using AWS for distributed applications in python</li></ul>	Jul 2018 - present
<b>Florida Institute of Technology, Melbourne, FL</b> <i>Machine Learning</i> <ul style="list-style-type: none"><li>Presented research paper regarding Learning Time Reduction in the Neural Network Back-Propagation Algorithm in Python</li><li>Designed algorithm for time dependent shortest path</li><li>Implemented artificial neural network and Tic-tac-toe using supervised learning in Python</li><li>Implemented convolutional neural network using TensorFlow, AWS, python to classify images</li><li>Implementing speech command recognition on raspberry pi in python using CNN, Keras</li></ul> <i>Data Analysis</i> <ul style="list-style-type: none"><li>Presented research paper on Accidents Network Identification through Complex Networks formation using python and mongoDB</li><li>Presented Requirements Specification Document for automated self-checkout grocery store</li></ul> <i>Database</i> <ul style="list-style-type: none"><li>Generated and maintained 5GB database for Student Management in MySQL using Java</li><li>Built query system which extracted and analyzed user-specified data</li></ul>	Aug 2016 – May 2018
<b>Tech Mahindra, Bangalore, India</b> <i>Software Engineer</i> <ul style="list-style-type: none"><li>Developed online transportation network in AngularJS for UI; Backend programmed in Java</li><li>Drafted requirement documents for various modules developed in Java and designed POC's</li><li>Validated code against SQL injection attacks and security intrusions</li><li>Monitored production code and created J-unit autonomous test cases</li><li>Integrated code with custom front-end framework, XMF services, Maven, Grunt, NPM, Bower, Nodejs and digital certificates and followed Agile process</li></ul>	Jan 2014 - Jun 2016
<b>IBM India, Bangalore, India</b> <i>Technical Support Representative</i> <ul style="list-style-type: none"><li>Provided analysis and critical support for utilities to its operators using SAP tools</li></ul>	Aug 2013 - Jan 2014
<b>Visvesvaraya Technological University, Karnataka, India</b> <i>Client-Server Based Student Information System</i> <ul style="list-style-type: none"><li>Developed notification system for university delivering academic updates to user's desktop</li><li>Designed client-server architecture and database design including tables creations in C# and SQL Server</li></ul> <i>Flight Simulator</i> <ul style="list-style-type: none"><li>Developed fully functional Flight Simulator in C and glut computer graphics libraries</li></ul>	Aug 2009 – Jun 2013

## Honors

- Pursuing Deep Learning Foundation Nano-Degree, Udacity

## Co-curricular Activities

- Autonomous vehicle IGVC research