

# Michael Karnes

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<b>OBJECTIVE</b>	Seeking a full time position in the field of software or web development		
<b>EDUCATION</b>	<b>Texas A&amp;M University (TAMU)</b> , College Station, Texas Bachelor of Science in Computer Engineering Major GPR: 3.820, Overall GPR: 3.534		December 2015
<b>RELEVANT COURSEWORK</b>	Robotics and Spatial Intelligence Introduction to Digital System Design Data Structures and Algorithms Computer Architecture and Design	Microcomputer Systems Introduction to Computer Systems Programming Studio Artificial Intelligence	
<b>TECHNICAL SKILLS</b>	Higher Proficiency with C, C++, Java, PHP, HTML, CSS, Javascript, SQL Experience with C#, Assembly, WordPress, Visual Basic, LabView, MATLAB		
<b>RELEVANT PROJECTS</b>	<b>Designer and programmer of <a href="http://www.f2foxes.com">www.f2foxes.com</a></b> <ul style="list-style-type: none"><li>Developed and programmed a website using PHP, CSS, Javascript, and SQL to create more efficient grade tracking, leadership postings, and training schedules</li><li>Resulted in increased communication and usage throughout the entire company</li></ul> <b>Solar System Android App</b> <ul style="list-style-type: none"><li>Developed an Android app that would teach and quiz users over trivia facts about the planets in the solar system</li></ul> <b>Ray Tracer</b> <ul style="list-style-type: none"><li>Implemented a program that displays various scenes using the method of ray tracing</li></ul> <b>Subdivision Surface Program</b> <ul style="list-style-type: none"><li>Created a program to display higher quality models using subdivision surfaces</li></ul> <b>Checkers Robot</b> <ul style="list-style-type: none"><li>Designed a robot that could pick up checkers pieces from any square on a board and move them to any other square</li></ul> <b>Music Reader</b> <ul style="list-style-type: none"><li>Created a program that assists users in developing sheet music using MIDI sounds and saving them to a .mid file</li></ul>		
<b>LEADERSHIP</b>	<b>Texas A&amp;M Institute of Electrical and Electronics Engineers</b> , College Station, Texas <i>Information Technology Officer</i> (20 hours/week) August 2014 – Present <ul style="list-style-type: none"><li>Update and manage the branch's website in order better appeal to members for the current year</li><li>Organize all electronic information across the branch, increasing the accuracy and efficiency of communication among officers</li></ul> <b>Texas A&amp;M Corps of Cadets</b> , College Station, Texas <i>Scholastic Officer</i> (10 hours/week) August 2014 – May 2015 <ul style="list-style-type: none"><li>Encouraged academic success by maintaining a proper study environment, tutoring others in various subjects, and providing helpful advice to underclassmen, resulting in my unit having the highest average GPA in the Corps of Cadets</li><li>Disseminated information to underclassmen and ensured that the information was processed and tasks were executed efficiently and effectively</li></ul> <i>Platoon Leader</i> (10 hours/week) August 2014 – May 2015 <ul style="list-style-type: none"><li>Delegated assignments to my Platoon Sergeant and ensured that they were dealt with in an organized manner</li><li>Reported any incidents involving my platoon to the Commanding Officer in order to better maintain the overall health of the unit</li></ul>		
<b>ACTIVITIES</b>	FMHS Robotics Club August 2009 – June 2011 <ul style="list-style-type: none"><li>Assisted in the design of a robot to submit in a competition</li><li>Programmed the robot to react to radio controlled commands</li></ul> FMHS Computer Science Club August 2010 – June 2011 <ul style="list-style-type: none"><li>Designed several programs to demonstrate to the other members of the club</li></ul>		