

# Jiabin Wang

## Software Engineer

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Current Location : Charlotte, North Carolina



Seeking a software engineer where I can utilize my skills and experience in object-oriented design, mobile and web development, and machine learning research.

I have finished a Master of Science in Software Engineering in December 2016. I have two-year application development experience including mobile and web-based. In the meantime, I have one-year research experience in machine learning.

## Skill Profile

Major Programming Technologies : XML, **Javascript**, CSS, **PHP**, HTML5, **JAVA**  
 Database : **MySQL**, SQLITE  
 Development Tools : Visual Studio, Android Studio, Rational Software Architect, MATLAB/Octave, Eclipse, Sublime Text 3, Microsoft Project and Office  
 Others : jQuery, AJAX, C#, **Machine Learning**, Bootstrap, AngularJS

## Education

2016 Master of Science in Software Engineering(MSSE), East Carolina University, USA  
 GPA : 3.62/4.0  
 2011 Bachelor of Science in Electrical Engineering (BSEE), Central South University, China

## Professional Experience

Present April 2017	<b>Web Developer(Part-time), Global Academic Initiatives, East Carolina University</b> <ul style="list-style-type: none"> <li>Build web-based application running on MySQL from front-end to back-end for video uploading and database administration by using HTML, CSS, PHP and JQuery</li> <li>Develop the front-end of the application based on the Bootstrap framework</li> </ul> <div> HTML5 CSS Bootstrap Javascript PHP MySQL AJAX jQuery FuelPHP </div>
April 2017 August 2016	<b>Research Assistant in machine learning, Department of Computer Science, East Carolina University</b> <ul style="list-style-type: none"> <li>Delivered a JAVA application for processing diffraction images</li> <li>Conducted Unit Testing for verifying the JAVA application</li> <li>Developed an algorithm for image classification by using LIBSVM (an integrated software for SVM)</li> </ul> <div> JAVA Unit Testing Support Vector Machine (SVM) gray-level co-occurrence matrix (GLCM) MATLAB/OCTAVE </div>
August 2016 February 2016	<b>Intern as Web Developer, Global Academic Initiatives, East Carolina University</b> <ul style="list-style-type: none"> <li>Built a database driven website in PHP 5.3 running on MySQL from scratch</li> <li>Developed complex SQL queries complemented with AJAX for information searching in the web-based application</li> <li>Developed the application front-end in HTML5 complemented with CSS3, Javascript, and JQuery</li> </ul> <div> HTML5 CSS Javascript PHP MySQL AJAX jQuery Zend </div>
February 2016 August 2015	<b>Intern as Android App Developer, Department of Engineering, East Carolina University</b> <ul style="list-style-type: none"> <li>Delivered a healthcare application connecting to the weight scale through IOIO board (an open source PIC microcontroller-based boards)</li> <li>Built database within the application by using SQLITE</li> <li>Developed application UI with XML</li> <li>Developed application back-end with JAVA in Android Studio</li> </ul> <div> JAVA XML SQLITE Android Studio </div>

## References

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*Delivered Website Link:*    [http : //hawk.aos.ecu.edu](http://hawk.aos.ecu.edu)        [http : //hawk.aos.ecu.edu/videoupload](http://hawk.aos.ecu.edu/videoupload)  
*Certification*                    AMERICAN SOFTWARE TESTING QUALIFICATIONS BOARD, INC.  
                                         Certified Tester, Foundation Level (CTFL), current