

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 and programming, mobile and web-based application development, and machine learning research.

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

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

References

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