

Jiabin Wang

Software Engineer

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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

- July 2017** | **Web Developer(Part-time), Global Academic Initiatives, East Carolina University**
April 2017 |
 > 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
 > Develop the front-end of the application based on the Bootstrap framework
HTML5 CSS Bootstrap Javascript PHP MySQL AJAX JQuery FuelPHP
- April 2017** | **Research Assistant in machine learning, Department of Computer Science, East Carolina University**
August 2016 |
 > 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)
 > Contributed to two publications in IEEE
JAVA Unit Testing Support Vector Machine (SVM) gray-level co-occurrence matrix (GLCM) MATLAB/OCTAVE
- August 2016** | **Intern as Web Developer, Global Academic Initiatives, East Carolina University**
February 2016 |
 > 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
HTML5 CSS Javascript PHP MySQL AJAX JQuery Zend
- February 2016** | **Intern as Android App Developer, Department of Engineering, East Carolina University**
August 2015 |
 > 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
JAVA XML SQLITE Android Studio

References

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
Publication : Building an SVM Classifier for Automated Selection of Big Data
 [http ://ieeexplore.ieee.org/document/8029304/](http://ieeexplore.ieee.org/document/8029304/)
 Combinatorial Methods of Feature Selection for Cell Image Classification
 [http ://ieeexplore.ieee.org/document/8004294/](http://ieeexplore.ieee.org/document/8004294/)