

Weiwei Ge

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Education

University of North Carolina at Charlotte, Charlotte, NC
Fall 2015 – Spring 2017
Health Informatics Professional Science Master Candidate

Wake Forest University, Winston Salem, NC
Spring 2013 - Spring 2015
Master of Science in Computer Science

Zhejiang University of Science and Technology, Hangzhou, Zhejiang, China
Fall 2008 – Spring 2012
Bachelor of Engineering in Computer Science
(Joint Program with University of Southern Queensland)

Languages

SQL, Python, R, SAS, C++

Analytic Tool

Tableau

Operating Systems

Linux, Windows, OS X

MS Project

Instructional Modules for Hadoop MapReduce Computing

Developed instructional modules for learning MapReduce strategies and running programs on the Hadoop platform. They will be used in undergraduate computer science courses at various levels. The goal is to help students understand the concepts of MapReduce by developing instructional materials as well as concrete examples. The examples of MapReduce stages were developed using Java and these stages work together to implement a document similarity algorithm. Depending on the levels of students' programming skill, they will be asked to either implement the sample code given in the module or modify the sample code to realize some new functions.

Related Work Experience

Teaching Assistant at Department of Computer Science, Wake Forest University
Spring 2013 - Fall 2014

Grading labs, attending labs to help with questions, and answering questions during office hours for Overview of Computer Science

IT Intern at Albus Imaging
Spring 2015 - Summer 2015

Work with founders at Wake Forest School of Medicine to create a patient survey tool using the REDCap open source platform to collect data from cancer survivors and study the complex relationship between chemotherapy and heart failure

IT Intern at Albus Imaging

Summer 2016

Data integration, preparation, and analysis using Python Scikit-Learn package to find preliminary results to help predict cardiac injury in cancer survivors who have undergone chemotherapy

Teaching Assistant at Health Informatics PSM Program, University of North Carolina at Charlotte

Spring 2017

Attending labs to help with questions for Healthcare Data Analysis