WENJIE ZHUANG

Objective
Passionate to commence a project-based internship/full-time in the IT sector in winter 2016 to summer 2017

Education
Master of Engineering, Computer Science   **08/2015—05/2017(Expected Grad)**
Virginia Polytechnic Institute and State University   **Blacksburg, VA**
   Current GPA 3.88/4.0 in the last two semesters, 2015-2016

Master of Science, Mathematics   **09/2012—07/2015**
Fudan University   **Shanghai, China**
   Outstanding Student's Scholarship, 2014
   Freshman Scholarship, 2012
   Worked as teaching assistant for mathematics department and computer science department respectively, 2014

Bachelor of Science, Mathematics   **09/2009—06/2012**
Sichuan University   **Chengdu, Sichuan, China**
   Third Prize, National Mathematical Competition (Sichuan Area) , 2010
   National Computer Rank Examination, Band 4 - Software Test & Band 3 - Network Technology, 2010 - 2011

Experience
Web Crawler Project Contributor   **06/2016—07/2016**
Summer Individual Project   **San Francisco Bay Area, United States**
   Built an app crawler with Scapy and search system that finds interesting information based on MongoDB and ElasticSearch.
   Save data into MongoDB and connected MongoDB to ElasticSearch
   Integrated an interactive search system by NodeJs, Express and React

Developer Intern   **08/2013—04/2014**
Global Product Delivery Department, First Data   **Shanghai, China**
   Worked with international stakeholders to develop and test solutions about credit transaction processing
   Performed requirement analysis and wrote into documents for several projects
   Assisted in Fraud Management and Project Management, like transaction risk assessment

Academic Course
Computer Science: Algorithm, Numerical Analysis and Software, Network Architecture and Protocols, Cloud Computing
Statistics: Multivariate Methods, Statistics Computation, Mathematical Statistics
Applied Mathematics: Scientific Calculation, Math Modeling, Number Theory, Optimization, Operation Research, Mathematics Analysis, Algebra, Geometry

Project and Activity
Project Contributor   **02/2016—05/2016**
Distributed Systems & Storage Laboratory (DSSL)   **Blacksburg, VA, United States**
   Tested different use cases to justify bad parallelism examples on Spark
   Tried to find the configuration optimization and cluster provisioning for Spark deployments

Project Contributor   **12/2015**
Multivariate Methods,   **Blacksburg, VA, United States**
   Performed a multivariate response regression and inferences on sample image set of facial expressions
   Classified the sample images into three clusters based on facial expression features

Student Council Leader   **09/2013—08/2014**
The Student Council of Northern Student Life Park   **Fudan University, Shanghai, China**
   Events organizer: committee meetings, The Best Dormitory Game and Gourmet Festival
   Managed communication with the University's Department of Student Affairs

Skill
Programming language: Java, C, Python, C++, R, Matlab, Bash
Web Development: NodeJs, Express, Javascript, React, Semantic UI, Solr, Scrapy
Data Platform & Database: Hadoop, Spark, MySQL, MongoDB, Json, ElasticSearch
Software Development: Git