JIA XU

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Objective
To obtain an internship in Data Science

Education

M.S in Computer Science	Expected 2015
University of California Santa Cruz	Santa Cruz, CA
M.S in Physics	06/2012
Washington State University	Pullman, WA
B.S in Physics	06/2006
Nanjing University	Nanjing, China

Related Coursework
Data structures in C/C++, System programming, Automata and Formal Languages, Program Design and Development, Computer Architectures, Machine Learning, Start-up Engineering, Algorithm design

Relevant Skills:
Language: C/C++(2 years), Python, Java, Javascript, R
Software: Visual Studio, Emacs, Origin

Experience

Graduate Research Assistant	9/2008-5/2012
Washington State University	Pullman WA

- simulated a large number (millions) of charged particles behavior on High-Performance-Computer
- designed and modified different scientific programs to analyze the data and predict the particle behaviors

Teaching Assistant (Data Structure 122)	1/2013 -5/2013
Washington State University	Pullman WA

- supervised one three-hour laboratory period per week
- graded all the programming assignments and final-exams
- provided feedback and assistance to the course instructor

Teaching Assistant (Physics 201)	9/2007 – 5/2008
Washington State University	Pullman WA

- supervised one three-hour laboratory period per week and graded lab report
- answered student's questions and tutoring

Honors and Awards

College of Science's Research Assistant Award	2008-2009