Jingyuan Wu

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Education

Shanghai Jiao Tong University   **Shanghai, China**

Bachelor of Science, Department of Physics   Sep. 2010 – Jun. 2014

GPA: 89.6/100, Rank: 4/76

Related Courses: Thinking and Approach of Programming (Python), Principles of Database, Computational Physics, Circuits and Electronics

University of Pennsylvania   **Philadelphia, Pennsylvania, USA**

Master's degree, Computer and Information Technology   Aug. 2014 - present

Courses: Web Programming: Ruby on Rails, Introduction to Computer Architecture, Programming Paradigms

Experience

Software and Service Group, Intel Corporation   **Shanghai, China**

Intern, Android User Experience Group   Aug. 2013 – Jan. 2014

- Used high-speed camera to capture the screen images of Android phone and generated methods to process images and analyze phone's performance in Python.
- Worker with software developers on fixing bugs and implemented Python scripts to generate test reports.

Laboratory for Laser Plasma, Department of Physics, SJTU   Sep. 2012 – Jun. 2014

Research Assistant

- Developed a new scheme to process the data of Time-resolved X-ray absorption spectroscopy experiments and analyze the inner structural changes of materials.
- Modified the double-temperature model, analyzed the temperature variation during the interaction between femtosecond laser impulse and the particular metal and compared the theoretical results with the experimental results in Java.

Awards & Certificates

- Oracle Certified Professional, Java SE 6 Programmer   2014
- Outstanding Winner of the Mathematical Contest in Modeling (MCM) (Top 10 of 5636 teams), the Consortium for Mathematics and Its Application (COMAP)   Spring 2013
- National Scholarship (Top 3%), Ministry of Education of the People's Republic of China   2012-2013

Computing

- Programming Language: Java, Python, Ruby, Prolog, Erlang, Clojure, Matlab, SQL, LaTeX