

Curriculum Vitae

Mu Yao Guo

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Education

- Bachelor of Software Engineering in Shanghai Jiao Tong University Sep.2007-Jun.2011

Summary of Interests

- Computer Graphics
- Server Systems

Honors and Awards

- Outstanding Scholarship of SJTU Dec. 2008, Dec. 2009, and Dec.2010
- All Excellent Student May 2008 and May. 2009

Research Experience

- **Fluid Simulation and Surface Extraction** **2009.8-2010.4**
Do survey in the field of Computer Graphics and then implement a SPH fluid simulator with improved APSS (Algebraic Point Set Surface) surface extraction method.
- **Vector Field Visualization** **2010.6-2010.9**
Participate in the project of Fluid Simulation with More Details and do the task of visualizing the vector field of the input point set through streamlines.
- **Real-time Fluid Rendering** **2010.4-2010.10**
Leader of the Real-time Fluid Rendering Project; Do the task of using screen space methods with curvature to render water.
- **Fluid Simulation in Vorticity Field with Local Fine Grids** **2010.11-2011.6**
Propose the method to use local fine grids to do fluid Simulation in vorticity field for the first time and solve the problem of stream-function interpolation.

Working Experience

- **Software Engineer in IBM China Systems and Technology Lab** **2011.5-Now**
Work in BCx (BladeCenter X) team of IBM China System and Technology Lab. Participate in the development of IBM Systems Director.

Personal Website: <http://code.google.com/p/muyaoguoproject/>