

Alice Yang

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education University of Pennsylvania, Philadelphia, PA
School of Engineering and Applied Science
Anticipated: Bachelor of Science in Engineering in May 2012
Major: Digital Media Design

experience University of Pennsylvania – SIG Center for Computer Graphics
Research Assistant (January 2010 – present)
Assisted in the study of directed crowd movement.
Created art assets for various projects, including a procedurally generated city using Autodesk Maya and Procedural CityEngine.

University of Pennsylvania – SAAST Summer Program
Residential Team Advisor (July 2010)
Summer Academy of Applied Science and Technology
Created assignments and course material for introductory programming class.
Assisted participants with classroom activities and managed social outings.

University of Pennsylvania – Introduction to Computer Programming
Mentor (January 2009 – May 2010); Teaching Assistant (September 2010 – present)
Led discussion groups and lab sessions on a weekly basis.
Graded tests; held regular office hours and helped students debug code.

University Communications
Web Assistant (September 2009 – May 2010)
Assisted with maintaining digital asset management system.
Edited and updated websites; analyzed web statistics.

8th-Circuit.com
Senior Editor (January 2007 – January 2010)
Designed business card; wrote and edited articles for movie, technology, software, and music reviews.

skills Web Design: HTML, CSS, Javascript, some PHP
Programming: Java, C++ , Python, C, Procedural CityEngine, some experience with C# and Assembly (LC4)
Software: Adobe Photoshop, Illustrator, InDesign, Dreamweaver, Autodesk Maya, Microsoft Office, Paint Tool SAI, some experience with Unix
Foreign Languages: Fluent in Chinese (Mandarin), Intermediate level Latin

coursework • Programming languages I & II • Digital Design Foundations
• Math Foundations in Computer Science • Figure Drawing
• Automata Computability & Complexity • 3D Computer Modeling
• Python Programming • Web Design
• Computer Graphics • Graphic Design
• Introduction to Computer Architecture • Visual Communication