

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 | GPA: 3.43
Undergraduate Coursework: Programming Languages; Python Programming; Automata Computability and Complexity; Comp. Architecture; Computer Graphics; 3D Computer Modeling; Digital Design Foundations; Web Design; Graphic Design; Visual Communication

experience [SIG Center for Computer Graphics](#), University of Pennsylvania
Research Assistant (January 2010 – present)

- Created art assets for various projects, including a procedurally generated city using Autodesk Maya and Procedural CityEngine.

[SAAST Summer Program](#), University of Pennsylvania

Residential Team Advisor (July 2010)

- Summer Academy of Applied Science and Technology
- Created course material for introductory programming class of over thirty students.
- Assisted participants with classroom activities and managed social outings.

[Introduction to Computer Programming](#), University of Pennsylvania

- *Mentor (January 2010 – May 2010); Teaching Assistant (September 2010 – present)*
- Led lab sessions and discussion groups of fifteen students on a weekly basis.
- Graded tests; held regular office hours and helped students debug code.

[University Communications](#)

Web Assistant (September 2009 – May 2010)

- Maintained digital asset management system. Edited and updated websites.
- Created infographics for web statistics over a six month period.

[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 experience with PHP and MySQL
Programming: Java, C++, Python, C, Procedural CityEngine, some experience with Android
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

projects [Droid Silencer](#)

- Team entry for PennApps Mobile Hackathon 2011
- 3rd for Student Choice Award over 30 projects
- Implemented some UI components. Created app website: www.droidsilencer.com

[Mini-Maya](#)

- OBJ viewer and editor. Part of three-person team
- Implemented code for polygon editing and mesh load and write

[Puzzle Fighter Game](#)

- Tetris-like game where players stack and eliminate blocks to win
- Implemented code for two person versus mode over the internet