Kaitlin Patricia Pollock

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Relevant Coursework

Computer Graphics Techniques; Computer Animation;
3D Computer Modeling; Programming Languages and Techniques I & II;
Intro to Computer Systems and Architecture; Automata, Computability, and Complexity; Digital Design Foundations; Digital Illustration; Drawing I; Visual Communications

Computer Skills:

C++, Python, MEL, PyMel, Java, Javascript, HTML; Adobe Photoshop, After Effects, Illustrator, InDesign; Autodesk Maya; Vicon Nexus; Visual Studio

Languages:

Intermediate level Spanish; Intermediate level Latin; Beginner ASL

Personal:

Interests include reading, photography, graphic design, drawing, programming, movies, breakdancing.

EDUCATION

University of Pennsylvania

School of Engineering and Applied Science, Philadelphia, PA
Candidate for Bachelor of Science in Engineering in May of 2012

Major: Digital Media Design

EXPERIENCE

University of Pennsylvania

SIG Center for Computer Graphics
Research Assistant (September 2009-present)
- Develop tools for multi-modal motion capture
- Research in mapping biometric data to 3D models working towards paper submission

University of Pennsylvania

Introduction to Computer Programming
Mentor (September 2009-May 2010)
- Led group in programming exercises in weekly labs; introduced "unplugged" lab exercise

University of Pennsylvania

Summer Academy in Applied Science and Technology
Residential/Teaching Assistant (July 2009, July 2010)
- Instructed high school students on an individual and group basis in the use of 3D computer graphics software

HONORS

- Winner, Honorable Mention: Joe Kider, Kaitlin Pollock, and Alla Safonova. "A Data-driven Appearance Model for Human Fatigue." ACM Symposium on Computer Animation, 2011.
- ACM-W Scholarship, for attendence to SIGGRAPH 2011
- Diana Chi Summer Research Award 2010, 2011
- 1st Place, CIS Summer Research Poster Contest

EXTRACURRICULAR

Special Interest Group on Graphics (Animation Division, Co-President); Google CSSI Program (Summer 2009); SAAST Computer Graphics Program (Summer 2007); Society of Women Engineers; Freaks of the Beat (campus Breakdancing group)