JONATHAN LEE

Programmer – Animator – Filmmaker

University of Pennsylvania
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EDUCATION

University of Pennsylvania (Philadelphia, PA)
MSE Computer Graphics and Game Technology
August 2016 – present

- Penn SIGGRAPH

Rutgers University (New Brunswick, NJ)
BS Computer Science
August 2012 – January 2016

- Dean's List (Fall 2012, Fall 2014, Spring 2015, Fall 2015)
- National Society of Collegiate Scholars, Undergraduate Society of Computer Scientists, Rutgers Animation Club, Intramural Basketball Captain (2012-2015)

SKILLS

Programming Languages	C/C++, Python, Java, MatLab	**Interests**	• Computer Graphics/Animation • Web Applications/Design • Film/SFX/Photography • Graphic Design
Design Software	Maya, Lightwave 3D, ToonBoom Studio Adobe Photoshop, Illustrator, Premiere, After Effects		
Web Technologies	HTML/CSS, JSP, Flask, MySQL, Wordpress	**Current Courses**	• Intro to Computer Graphics • Computer Animation • 3D Modelling

RECENT PROJECTS

SteerLite Crowd Simulator – C++

- Fully functional crowd simulator that implemented A*, Social Forces, and GJK Collision Detection.
- Successfully achieved low scoring benchmarks on about 30 test cases
- Challenges: adjusting to a large code base, learning a new language (C++), learning new collision detection techniques (ear clipping).

RU Studying – Python (Flask)

- Utilized the Rutgers API to display empty classrooms for students to study in.
- Challenges: parsing JSON data and displaying it on the page, developing a RESTful web application.

WORK EXPERIENCE

Walt Disney World Resort –
Quick Service Food & Beverage Cast Member
January 2016 – July 2016 (Orlando, FL)

- Disney College Program Spring 2016 Participant.
- Performed excellent service and interaction to guests daily.
- Maintained a well-stocked and "show" ready location.
- Worked in a multifaceted team that served thousands of guests each day.

Successfully completed a course in Disney Leadership. Demonstrated the Four Keys on multiple occasions.

Today's Business –
Digital Developer Intern
May 2015 – August 2015 (Pine Brook, NJ)

- Maintained various web pages for different clients with Wordpress.
- Designed landing pages and Facebook pages for clients with Instapage and Falcon Social.
- Generated SEO reports with Google Analytics.