

STEVEN MARTURANO

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EDUCATION

Stony Brook University Class of 2018

(2014 - present)

Double Major in Computer Science and Mathematics

SKILLS

Programming Languages (Listed in order of fluency)

- Java, Javascript, HTML, CSS, C, MIPS, Python, SQL

Technologies and Frameworks

- Linux, Git, Vim, Bootstrap, Django, JavaFX, Android Studio, Phaser.js, Crafty.js, LibGDX

Graphic Design

- Vast knowledge of Adobe Photoshop, Illustrator and After Effects
- Designed flyers, menus, and ad material for local businesses

Video Game Design

- Designed entire video games from start to finish both individually and cooperatively
- Having a background in graphic design allows me to create aesthetically pleasing game content as well as fully functional user interfaces

Android Development

- Have extensive knowledge of the Android SDK
- Familiar with Android game development frameworks including LibGDX

PROJECTS

Dynamic Memory Allocator

Designed an explicit memory allocator from scratch in C. Learned many of the key concepts involved in memory allocation and garbage collection.

Penguin Plunge

An arcade game programmed using JavaFX. You are a penguin who must stay on the blocks of ice and collect as many stars as you can before you plunge.

Ping!

A Javascript demo designed in under 30 hours for Bitcamp 2015. By playing the game, players can seamlessly create fun and unique beats and even play their own song.

Ludum Dares

Participated in 5 Ludum Dare game contests. Each game was programmed using either Java, or Javascript and completed over the course of one weekend.

Porting JavaFX to Android

Contributed to a community of developers attempting to seamlessly port JavaFX to Android. Edited Linux scripts and compiled various applications then posted results online.

Monte Carlo Simulation

Developed a Java simulation to estimate with great accuracy the value of pi.

EXTRACURRICULAR

Stony Brook Computing Society

Vice president of the computing society. Hold weekly meetings, plan events and work cooperatively to grow the club. Network with other organizations on campus.

Other Clubs

Stony Brook Puzzle Society, Women in Computer Science, Chess Club, Go Club

Hackathons and Competitions

HackNY, HopHacks, Bitcamp, Local Hack Day, Ludum Dare 27, 28, 29, 32 & 33

EMPLOYMENT

Center Moriches Public Library

(2013 - present)

Process library materials before they are put into circulation and update computer records with item information.