Analia Mok

Computer Science Student

Objective

To gain an internship position in web application development.

Contact

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Website: analiamok.github.io

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GitHub: github.com/AnaliaMok

Skills

Programming

HTML5/CSS3

JavaScript

Python

Java 8 & JavaFX

C

MIPS Assembly

Learning:

PHP

Operating Systems

Windows

Linux

MacOSX

Software

IntelliJ IDEA, PyCharm

Brackets, Atom

Vim

xampp

Technologies

PuTTY

Git/GitHub

SVN / Tortoise SVN

Django 1.9.1 Framework

Learning:

CodeIgniter 3.1.5

Education:

Rochester Institute of Technology, Rochester, NY

BS in Computer Science with a Mobile Development Minor, expected May 2020

GPA: 3.90 Dean's List: Fall 2015, Spring 2016, Fall 2016

Courses: Discrete Math, CS Theory, Web & Mobile I & II, Software Engineering, Analysis of Algorithms, Concepts of Computer Systems

Projects/Labs:

(All code is available upon request)

Escape from Gringotts | Co-Developer

With a partner, developed a tile-based game that implemented a recursive backtracking algorithm to solve a given game configuration and to give the player hints. Game was developed in Java 8 and JavaFX.

Huffman Encoding | Solo Developer

Designed a file compression program utilizing the Huffman Encoding Algorithm to output either an encoded or decoded text file – based on the existence of a one byte value in an inputted file. The program was implemented using the C language and command-line tools: valgrind and gdb debugger.

HealthNet | Development Coordinator

Worked in a team to design, build, and deploy a health care web application that follows the Django Framework's MTV design pattern. Front-end development is handled with HTML5/CSS3 and Django's Template Language for dynamic web page handling. SQLite3 and Python are handling information processing and storing.

Experience:

Department of Computer Science, Grader, RIT

August 2016 - Present

Responsible for grading Python programs for a Computer Science I section and Java projects for Computer Science II. Job required no supervision, but included constant teacher-student communication.

Global Village Cantina & Grille, Line Server, RIT

August 2016-Present

Serving customers in an "assembly" line fashion and closed the restaurant at night. Job requires minimal supervision.