Roxanna Meskell

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OBJECTIVE

Looking for a single or double block co-op for Spring, Summer, and/or Fall 2017 in a computer science field in order to expand my skill set and gain real world experience.

EDUCATION

Rochester Institute of Technology - Rochester, NY   September 2013 - Present
- Major: B.S. Computer Science
- Expected Graduation Date: June 2018

SKILLS

Languages:
- C
- Java
- Javascript
- C#
- Haskell
- SQL
- Python
- HTML
- CSS

Tools:
- gdb
- git
- vim
- grunt
- Django
- nodeJS
- reactJS
- MatLab

Operating Systems:
- Windows
- Linux
- Mac OS X

PROJECTS

Song Database (Data Management, Fall 2014)
- Language: Java
- PostgreSQL database
- Group project
- Stores information for songs and playlists
- Wrote majority of the SQL code for the database

Threaded Multidimensional Maze Generator (Personal, 2014 - Ongoing)
- Language: C
- Uses binary division to generate maze
- Plans to be able generate a maze spanning at least 16 dimensions
- Plans to be able to output maze to a file

Maze Generation Simulator (Personal, 2013 - Ongoing)
- Language: Java
- Shows the progression of mazes as they are generated using different algorithms
- Intended for use during a seminar

Multidimensional Maze Generator (Personal, 2013 - 2014)
Ingredient Organizer App (Personal, 2015 - Ongoing)
Intelligent Clue Player (Intelligent Systems, Spring 2015)
Healthnet (Software Engineering, Fall 2015)
Assembly Sudoku Solver (Concepts of Computer Systems, Fall 2015)

COURSEWORK

- Intro to Computer Vision
- Intelligent Systems
- Concepts of Parallel & Distributed Systems
- Concepts of Computer Systems
- Analysis of Algorithms
- Mechanics of Programming
- Data Management
- Programming Language Concepts
- Computer Science Theory
- Software Engineering

WORK EXPERIENCE

Intuit - Mountain View, CA   January 2016 - July 2016
Software Engineering Co-op
> Worked as part of the QuickBooks Online Payments team. Work primarily consisted of front-end feature development in javascript, as well as testing of current features.
> Also worked on side project to create a browser based diagnostic tool using reactJS. *fixit.intuit.com*

Siemens Industry - Norcross, GA   June 2012 - July 2012
Business Intern

EXTRACURRICULAR

Computer Science House (CSH)   Fall 2013 - Present
Society of Software Engineers (SSE)   Fall 2015 - Present
FIRST Robotics (Highschool)   Fall 2011 - Spring 2013