Sami Ellougani

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EDUCATION

MARIST COLLEGE
B.S. in Computer Science
Expected May 2018
Overall GPA: 3.4 | Major GPA: 3.6

SKILLS

LANGUAGES
Proficient in:
- Python
- Java
- SQL
- JavaScript

Familiar with:
- C++
- PHP
- VBA
- HTML5+CSS3

SOFTWARE
- Microsoft SQL Server
- EasyPHP
- MySQL
- Microsoft Access

ENVIRONMENTS
- Linux
- Windows
- z/OS
- Web

TOOLS
- Eclipse
- Git and Github
- Cloud9
- Gulp

COURSEWORK

Software Development I & II
Software Systems and Analysis
Data Communications
Database Management
Internetworking
System Design
Game Design and
Programming I
z/OS & Major Subsystems
Operating Systems

EXPERIENCE

PROGRAMMING LAB TUTOR | School of Computer Science and Mathematics at Marist College
September 2016 - Current | Poughkeepsie, NY
- Assists underclassmen students in the development of programming skills and best coding practices
- Programming languages used to tutor students are Python, JavaScript, Java, SQL, PHP, and HTML5+CSS3
- Engages with students either one-on-one or in small groups

DATABASE ADMINISTRATOR - INTERN | Express Scripts
May 2016 – August 2016 | Franklin Lakes, NJ
- Developed queries and stored procedures to support reporting metrics for management
- Wrote PowerShell scripts for Active Directory Group validation
- Supported database migration with backup and restore routines, recreating SQL Server logins, and executing post-migration maintenance
- Identified active databases by monitoring connections and processes, validating the last date database files were modified, and reviewing database error logs
- Implemented a new SQL Server build. Completed post-implementation steps by applying the required Service Packs and configuring SQL Server

HELP DESK | Information Technology Department at Marist College
September 2014 - May 2015 | Poughkeepsie, NY
- Served as the single point of contact between the Information Technology Department and students, faculty, and staff
- Assisted individuals with their questions, requests, and suggestions

PROJECTS

6502 Web-Based Operating System
Current | github.com/sami10015/TS-OperatingSystem
- Creating an Operating System simulation using basic OS architecture and 6502 operation codes
- Visuals created with HTML5+CSS3 and back-end functionality was implemented with TypeScript(super-set of JavaScript)

Twitter Clone
July-August 2016 | github.com/sami10015/pyp-w4-gw-twitter-clone
- Clone was programmed in Python as a RESTful API web service, utilizing SQLite as a backend, and provides authentic visuals using the Bootstrap framework

flAmazon
April-May 2016 | github.com/sami10015/flAmazon_Project
- Created a fictional Java shopping-cart program called "flAmazon" that implements a Microsoft Access database with the use of the JDBC API and provides a GUI made with the Java Swing API

Limbo Website
October-December 2015 | github.com/sami10015/limbo-marist-php
- Website allows students, faculty, and staff to search through a database for lost items. It was coded in PHP that was ran off of EasyPHP for the WAMP service, and utilizes mySQL as the database engine

ACTIVITIES

Collegiate Division 1 Cross Country / Track & Field Team
Current | Metro Atlantic Athletic Conference All-Academic Team