

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

- Assist students from Freshman through Sophomore year in the development of programming skills and best coding practices
- Programming languages used to tutor students were Python, JavaScript, Java, SQL, and HTML5+CSS3
- Engage 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

- Serve as the single point of contact between the Information Technology Department and students, faculty, and staff
- Assist 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

- This 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 2016 | github.com/sami10015/limbo-marist-php

- This website allows students, faculty, and staff to search through a database for lost items. This website was coded in PHP that was ran off of EasyPHP for the WAMP service, and utilizes MySQL as the database engine.

ACTIVITIES

Member of Collegiate Division 1 Cross Country / Track & Field Team

Current | Metro Atlantic Athletic Conference All-Academic Team - Every Semester