Sami Ellougani

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EDUCATION

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

SKILLS

LANGUAGES
- Python
- Java
- SQL
- JavaScript/Node.js
- TypeScript
- C++
- PHP
- HTML5+CSS3

FRAMEWORKS/LIBRARIES
- Express
- AngularJS
- Mongoose
- Swing

SOFTWARE
- Microsoft SQL Server
- MongoDB
- 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
Database Management
System Design
Game Design and Programming I & II
z/OS & Major Subsystems
Theory of Programming Languages
Operating Systems
UNIX

EXPERIENCE

FULL STACK JAVASCRIPT DEVELOPER | Cloud Computing and Analytics Center at Marist College
December 2016 - Current | Poughkeepsie, NY
- Creating a project that uses a combination of client and server side agile software development on the MEAN stack
- Utilizing knowledge of database concepts, system design principles, and software change control management (e.g., Git)
- Working independently, and collaboratively, in a team including the customer

PROGRAMMING LAB TUTOR | School of Computer Science and Mathematics at Marist College
September 2016 - December 2016 | 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

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 files were modified, and reviewing error logs

PROJECTS

6502 Web-Based Operating System
September-December 2016 | github.com/sami10015/TS-OperatingSystem
- Created 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)

No-Stairs
September-December 2016 | github.com/sami10015/No-Stairs
- Wrote and built an event-driven game that utilizes the C++ language, and SFML library
- Demonstrated a working knowledge of the elements of game design and the design process

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

ACTIVITIES

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