

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++
- Swift
- 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

SOFTWARE 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, along with Scala
- 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