

# Sami Ellougani

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## EDUCATION

### MARIST COLLEGE

B.S. IN COMPUTER SCIENCE

August 2014 - May 2018

### GEORGIA INSTITUTE OF TECHNOLOGY

M.S. IN COMPUTER SCIENCE

Specializing in Machine Learning  
& Interactive Intelligence

August 2018 - Current

## SKILLS

### LANGUAGES

Proficient in:

- Python
- Java
- SQL
- JavaScript/Node.js

Familiar with:

- TypeScript
- C++
- HTML5+CSS3

### FRAMEWORKS/LIBRARIES

- Express
- AngularJS
- Mongoose
- Swing

### SOFTWARE

- Microsoft SQL Server
- MySQL
- Microsoft Access
- MongoDB

### ENVIRONMENTS

- Linux
- Windows

### TOOLS

- Eclipse
- Git and Github
- Cloud9
- Vim

## COURSEWORK

Software Development I & II

Database Management

System Design

Game Design and Programming I & II

Operating Systems

UNIX

Educational Technology

## EXPERIENCE

### SOFTWARE DEVELOPER | USAA

September 2018 - Current | San Antonio, TX

- Successfully completed the USAA Platform/API Technology On-boarding Training Program that utilized several Java Libraries/Frameworks, along with other technologies such as Docker and Gitlab's CI/CD Platform
- Drove out API design for a Chatbot that helps members pay their bills without interacting with a representative
- Delivered project needs on time and within the agreed acceptance criteria in an Agile environment
- Coordinated between development teams and business partners to plan out the scope of work for several features within the Contact Center Technology environment

### SOFTWARE DEVELOPER - INTERN | USAA

May 2017 - August 2017 | San Antonio, TX

- Designed and built Java REST API's to support applications used by executive management, in an effort to keep track of contact center metrics
- Contributed creative ideas and insight for improving usability and efficiency of infrastructure web tools
- Assisted developers in updating an enterprise-wide command line interface to bootstrap React + Redux applications

### FULL STACK JAVASCRIPT DEVELOPER | CLOUD COMPUTING AND ANALYTICS CENTER AT MARIST COLLEGE

December 2016 - May 2017 | Poughkeepsie, NY

- Created an application that uses a combination of client and server side technologies on the MEAN stack
- Utilized knowledge of database concepts, system design principles, and software change control management

### PROGRAMMING LAB TUTOR | SCHOOL OF COMPUTER SCIENCE AND MATHEMATICS AT MARIST COLLEGE

September 2016 - December 2016 | Poughkeepsie, NY

- Assisted underclassmen students in the development of programming skills and best coding practices
- Used a broad range of different programming languages to tutor students

### DATABASE ADMINISTRATOR - INTERN | EXPRESS SCRIPTS

May 2016 - August 2016 | Franklin Lakes, NJ

- Developed queries and stored procedures to support metrics for management
- 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](https://github.com/sami10015/TS-OperatingSystem)

- Created an Operating System simulation using basic OS architecture and 6502 operation codes. Built with HTML5+CSS3 and TypeScript

## ACTIVITIES

Captain - Division 1 Cross Country / Track & Field Team

Metro Atlantic Athletic Conference All-Academic Team