

# Aziz Amino

Lorton, VA

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## EDUCATION

**George Mason University, Fairfax, VA**

Bachelor of Science

Computer Science

## Projects

- The Achiever Journal App – The AchieverJournal App is a web application in which a user may electronically journal their day and view all of their electronically recorded journal entries. The client side is build with a React.js frontend (hosted via Github pages) and Java SpringBoot backend (hosted via AWS Beanstalk). The entries are stored on an AWS EC2 RDS instance using PostgreSQL.  
App link: <http://azizaamino.com/?#/journal>  
Source Code: <https://github.com/3A-2Z/achiverjournal/tree/master>
- Movie genre classifier using Python (Teammate: Andrew Park) – Trained various models (random forest, neural network, K nearest neighbor, etc.) in attempt to classify movies by genre based upon plot summary similarity (all in python using libraries such as sklearn and nltk).  
Can be found here <https://github.com/apark19/Project484>
- Movie Database Command Line Interface (Teammate: Luan Hoang) – Built a simple java command line Program to interact with an SQL Plus movie database using the Oracle JDBC driver.  
Source code is under NDA.

## Notable Course work

- Software Architecture – Learned about various design patterns (Service Oriented Architecture, Microservices, MVC, MVP, Event – Oriented Architecture, Command Query Responsibility Separation, etc.), UML (component diagrams and class diagrams), Domain-Driven design, Software Quality Attribute Scenarios, Agile, and other Software Architecture concepts.
- Data Structures – Implemented and analyzed various data structures such as binary tree, binary heap, stack, queue, linked list, etc.
- Objected Oriented Programming – Gained experience with various aspects of the Java language through usage of classes, class inheritance, and object usage.
- Database Concepts - Gained experience with ER modeling and fundamental database programming principles through SQL.
- Operating Systems – Introduced to synchronization primitives and basic operating systems concepts through writing multithreaded programs.
- Data Mining – Implemented basic machine learning algorithms (K – nearest neighbor, K- means, etc.), preprocessing methods (tfidf, Parts of speech tagging, stemming), as well as applying various machine learning libraries (python libraries such as nltk, sklearn, pandas, numpy).

## Technical Skills

- Programming Languages: Python, C, Java, JavaScript ES6, HTML, SQL (PostgreSQL and SQL Plus), JSON
- Frameworks: React.js, SpringBoot
- JDBC
- Knowledge of common Linux commands
- Comfortable using Microsoft office products (Word, PowerPoint, Excel)

## Work Experience

**Rocking Nissan of Springfield, Springfield, VA**

August 2018 – January 2019

Receptionist

- Clocked in sales associates
- Directed customer calls to appropriate department
- Worked with finance management in getting customer license plates

**George Mason University - Parking and Transportation Services, Fairfax, VA**

August 2019 – January 2020

Car pool and Dismount Zone Attendant

- Tended to carpool zone preventing unauthorized vehicles from entering the lot.
- Ensured vehicles such as skateboards, bicycles, scooters, and the like are not ridden through construction heavy areas