

AMIR HASSAN SHARIATMADARI | AI/ML Student

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SUMMARY

I am a prospective PhD Student in AI and Machine Learning studying Computer Science at The College of William and Mary. I vision myself working with AI to solve major humanitarian issues. I am dedicated to push beyond my intellectual, mental, and physical capabilities, learn and spread knowledge, and help the underprivileged.

EDUCATION

COLLEGE OF WILLIAM AND MARY

Bachelor of Science in Computer Science

GPA: 3.62

8/2020 - 5/2023

Williamsburg, VA

EASTERN VIEW HIGH SCHOOL / GERMANNA COMMUNITY COLLEGE

Advanced Studies Diploma with Supplemental Community College Classes

GPA: 4.0

8/2018 - 5/2020

Culpeper, VA

PROJECTS AND EXPERIENCE

AI/ML RESEARCH INTERN

IBSS Corp

Investigated AI solutions for Security Operation Centers, Planned and Executed Research plan, Interviewed professors and domain experts, Read and Summarized Current Research Papers, Coordinated and Advised Python Interns for automation projects, Wrote Technical AI and Cybersecurity Content, and Assisted workforce learn python.

6 - 9/2022

Silver Spring, MD

PYTHON WORKSHOP HELPER

IBSS Corp

Assisted Instructor teach students Python, Pandas, and Unix, Demonstrated how abstract concepts work, and guided students debug their code.

7/2022

Silver Spring, MD

PRIVATE PYTHON TUTOR

Independent

Taught a student how to code in Python, Created and Administered Lesson Plans, Communicated feedback with student, Responded and Adjusted to feedback from the student, and Illustrated Complex Coding Concepts.

12/2021 - 1/2022

Remote Work

C ACCUMULATOR APP

School Project

Designed and implemented a program that accumulates and displays values with the C language. Programmed functions that converted values to binary, octal, hexadecimal, and decimal, and displayed values on a menu. User has ability to change input mode and compute arithmetic and bit wise operations on the accumulated value.

3/2022

Williamsburg, VA

ANDROID MAZE GAME APP

School Project

Designed and Implemented a maze game app with eclipse and android studio, Utilized UML Design and created CRC Cards, Built the programming using OOP principles, Created and Conducted Unit Testing, and refactored and debugged code.

9/2021 - 12/2021

Williamsburg, VA

IMPLEMENTED DATA STRUCTURES

School Project

Implemented and Analyzed Foundational Data Structures with computationally efficient functions in Python. Linked List, Stack, Deque, BST, and AVL Tree.

9/2021 - 12/2021

Williamsburg, VA

SKILLS

PROGRAMMING LANGUAGE FRAMEWORKS & TOOLS

Experienced: Python | Java | C++ **Familiar:** C | Y86 Assembly
Git | Unix Terminal | OOP | UML Design | Jupyter Lab / Google Colab | VSDode |
Android Studio | Eclipse

LIBRARIES LANGUAGES

Pytorch | Scikit-learn | Numpy | Pandas | Matplotlib
Native: English | **Fluent:** Farsi | **Intermediate:** Arabic

HONORS & AWARDS

RESIDENT ASSISTANT SUB STAFF BEST EMPLOYEE AWARD

Spring 2022

College of William and Mary

DEAN'S LIST

Fall 2020, Spring 2021

College of William and Mary

DEAN'S LIST

2018 & 2019

Germanna Community College

TOP 1% OF CLASS

2020

Eastern View High School

\$15,000 ACT SCHOLARSHIP RECIPIENT

2020

Eastern View High School

BOBBY LENN MEMORIAL SCHOLARSHIP

2020

Eastern View High School

EXTRACURRICULAR ACTIVITIES

ROTORACT VICE PRESIDENT

Present

College of William and Mary

Williamsburg, VA

Collaborate with executive board to plan and execute charity projects, Negotiate and Mediate with Co-executives, Lead General Body Members

WM MSA EXECUTIVE MEMBER

8/2021- 5/2022

College of William and Mary

Williamsburg, VA

Organized and executed social, religious, and charity events, Collaborated with MSA Executives to mediate conflicts between MSA members, Diagnosed and addressed issues within the MSA.

INHUMAN FIT BRAND AMBASSADOR

1/2021 - Present

Inhuman Fit

Williamsburg, VA

Motivate members towards mental toughness through physical exercise, lead by example, and follow fitness plans and suggest feedback.