NOOR BUCHI

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EDUCATION

Allegheny College
Bachelor of Science in Computer Science

📅 Aug 2018–May 2022 ⚲ Meadville, PA

- **GPA**: 4.00/4.00
- **Minor**: Political Science
- **Related Coursework**:
  Computational Expression, Data Abstraction, Software Engineering, Algorithm Analysis, Programming Languages, Cloud Computing, Software Innovation, Calculus II, Introduction to Statistics, Vector Calculus, Cryptocurrency Engineering, Game Development

HONORS & AWARDS

Distinguished Alden Scholar
📅 2019 - 2021

- Academic honor for maintaining a 3.80 or higher GPA.

Outstanding Junior Major Prize
📅 2020 - 2021

- Awarded for exceptional academic achievement, performance in the seminar, and contribution to the general life of the Computer Science Department

Doane Scholar
📅 2019 - 2020

- Awarded to 30 students with the highest cumulative averages in their respective classes.

Trustee Scholarship
📅 2019

- Awarded to students who have balanced academic excellence with other distinctive activities while in high school.
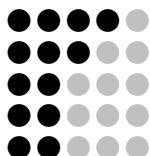
SKILLS

Programming Languages

Python	●●●●●○
Java	●●●○○○
Go	●●○○○○
JavaScript	●●○○○○
Visual Basic	●●○○○○

Tools and Platforms

- HTML, CSS, ReactJS, Git, Pytest, AWS, Linux, Docker, JUnit, Bash, LaTeX

Soft Skills

- Bilingual communication (English and Arabic), French (Intermediate), detail-oriented, eager to learn, time management, teamwork, problem-solving

EXPERIENCE

Techinal Leader
Computer Science Department, Allegheny College

📅 Aug. 2020 – Present Meadville, PA

- Assist 10-15 student weekly in successfully completing class activities and assignments
- Hold weekly office hours to assist and support student's academic progress in introductory and intermediate computer science courses
- Attend meetings to receive performance feedback and provide updates

Capstone Project Intern
NetApp, Allegheny College

📅 Jan. 2021 – May 2021 Meadville, PA

- Collaborated in an Agile environment and attended weekly sprint meetings
- Utilized React's Javascript framework to implement new functionalities and enhance existing ones
- Presented findings and results to a team of 35-40 software engineers

Teacher Assistant
World Languages Department, Allegheny College

📅 Feb. 2021 – Present Meadville, PA

- Assist 20 students in beginner and intermediate Arabic during 4 weekly labs, tailoring teaching approaches to that of student's learning style
- Prepare and construct lesson plans according to professors requirements and current topics
- Create a fun, inclusive, productive environment for students seeking to learn the Arabic language

Office Intern
Financial Aid Office, Allegheny College

📅 Aug. 2019 – Mar. 2020 Meadville, PA

- Answered phone calls and assisted callers according to their concern regarding financial aid
- Made appointments for supervisors and organized their schedules
- Sorted and filed sensitive office documents and records in alphabetical order

PROJECTS

PyGo Stock Portfolio Tracker ⌗
Dec. 2020

- Computation and data storage using Go programming language
- Front-end web application using Python's Streamlit
- Retrieves real-time stock market through Google Finance

2-3 B-Tree Visualizer ⌗
May 2020

- Built using Java and Graphviz to visualize 2-3 B-Trees
- Implementation of insertion, deletion, and breadth-first traversal

Cogitate ⌗
Mar. 2020

- Built using Python to retrieve and analyze statistics from GitHub repositories
- Display data through Streamlit web application

GatorSorter Sorting ⌗
Nov. 2019

- Implementation of basic sorting algorithms in Java
- Step by step demonstration of Bubble Sort, Insertion Sort, and Selection Sort

LEADERSHIP

Club President
Chess Club at Allegheny College

📅 Feb. 2021–Present Meadville, PA

- Organize club events and activities for 10-14 members
- Coordinate general and executive board meetings
- Keep track of club budget and expenses