

NOOR BUCHI

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EDUCATION

Allegheny College

Bachelor of Science in Computer Science

📅 Aug 2018–May 2022 📍 Meadville, PA

- **Graduation Honors:** *Summa Cum Laude* & Phi Beta Kappa Honor Society
- **Major GPA:** 4.00/4.00
- **Cumulative GPA:** 3.989/4.00
- **Minors:** Mathematics & Political Science

• Related Coursework:

Computational Expression	Data Abstraction
Software Engineering	Cloud Computing
Programming Languages	Algorithm Analysis
Computer Organization	Web Development
Linear Algebra	Artificial Intelligence
Cryptocurrency Engineering	Database Systems

HONORS & AWARDS

Distinguished Alden Scholar 📅 2019 - 2022

- Academic honor for maintaining a 3.80 or higher GPA.

Faculty Prize 📅 2021 - 2022

- Awarded for outstanding achievement in computer science as indicated by performance and by contributions to the life of the Computer Science Department.

Distinguished Alden Scholar 📅 2019 - 2022

- Academic honor for maintaining a 3.80 or higher GPA.

Doane Scholar 📅 2019 - 2021

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

Outstanding Junior Prize 📅 2020 - 2021

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

Trustee Scholarship 📅 2019

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

SKILLS

Programming Languages

Python	●●●●●●●●
JavaScript	●●●●●●●●
C/C++	●●●●●●●●
Java	●●●●●●●●
Go	●●●●●●●●
Solidity	●●●●●●●●

Tools and Platforms

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

Soft Skills

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

EXPERIENCE

Software Engineer Intern

📅 May 2021 – August 2021

NetApp Inc.

Pittsburgh, PA

- Implemented REST API content management approaches in Python.
- Engaged in code reviews and discussions with industry professionals to ensure quality of contributions.
- Participated in Agile and Scrum meetings to manage and track tasks.

Techinal Leader

📅 Aug. 2020 – May 2022

Computer Science Department, Allegheny College

Meadville, PA

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

Capstone Project Intern

📅 Jan. 2021 – May 2021

NetApp, Allegheny College

Meadville, PA

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

Teacher Assistant

📅 Feb. 2021 – May 2021

World Languages Department, Allegheny College

Meadville, PA

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

PROJECTS

AFLuent 🔗

May 2022

- Automated Fault Localization tool in Python integrated directly into Pytest testing framework
- Submitted a senior thesis to showcase its features and evaluation

Ethereum Dice Game 🔗

May 2022

- Game logic and Ethereum contract implemented in Solidity

SheetShuttle 🔗

April 2022

- Utilizes Google Sheets and GitHub's APIs to transfer information using customizable plugins.

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 with Step by step demonstration of Bubble Sort, Insertion Sort, and Selection Sort