

# 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.
- Technical 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 students' 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