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EDUCATION

College of William and Mary – Williamsburg, VA | 2020-2024

- B.S. in Computer Science, Math minor. GPA: 3.6, *cum laude*
- Dean's List: Spring 2022, Fall 2022, Fall 2023, Spring 2024

Florence University of the Arts – Florence, Italy | January 2024

St. Anselm's Abbey High School – Washington, D.C. | 2016-2020

Honor Roll; National Honor Society; AP Scholar with Distinction; Ranked top 1% Nationally SAT score, Golf team, Cross Country team

RELEVANT COURSEWORK

Calculus 1/Calculus 2
Linear Algebra
Foundations of Math
Programming for Data Science
Principles of Programming Language
System Programming
Finite Automata
Introduction to Edge Computing
Ops Resrch Deterministic Model

Algorithms
Software Development
Computer Organization
Data Structures
Prob & Stats for Scientists
Intro to Machine Learning
Competitive Programming
Network Systems and Design
Science Communication

WORK EXPERIENCE

Tile Worker – R. Bratti Associates | Summer 2020, 2021, Winter 2021

- Prepared floor tiles for contractors to lay at various D.C. area metro station sites with some of the most notable projects being East Falls Church, West Falls Church, Dunn Loring, Greenbelt.
- All metro projects were completed on time.

Courtesy Clerk - Giant grocery store | Summer 2019

- Bagged groceries/Carried groceries to the car for the elderly.
 - Restocked items.
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PROGRAMMING LANGUAGE EXPERIENCE AND RELEVANT SKILLS

Python
C++
XML
Y86 Assembly (some experience)
Jupyter Notebook

Java
C
Pascal (some experience)
Haskell (some experience)
Linux

VOLUNTEER/OTHER EXPERIENCE

Boy Scouts of America - Eagle Scout | August 2020
Fairfax County Park Authority | 2021
Seabury Resources for the Aging – Volunteer | 2018, 2019, 2020

PROJECTS

Maze Project- developed Automated algorithms to play maze game, and developed Android app for maze game. Gained experience in android app development and UI design, as well as working with and further developing existing code bases

Bitcoin Trading Algorithm – developed project that collects data from the internet and processes it into a dataset, using machine learning models to predict whether Bitcoin prices will increase or decrease over 1 day, 7 day, and 30 day time intervals. Gained experience working with and further developing existing code bases, and learned about machine learning models, techniques and data processing methods.