SAMIA MENON

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EDUCATION

B.S. Computer Science
Columbia University
C.P. Davis Scholar (selective scholar program for esteemed students at the School of Engineering and Applied Science)
GPA: 3.93 (As of Summer 2021)
Minor in Anthropology
2019-2023

High School Diploma
Hawken School
Valedictorian, National Merit Scholar
2015-2019

RELEVANT CS COURSEWORK

(Honors Intro Java), Computer Science Emerging Scholars Program, Multivariable Calculus, Honors Data Structures*, Discrete Math, Advanced Programming, Fundamentals of Computer Systems Computer Science Theory, Computational Linear Algebra , Principles of Economics **,** AI *Fall 2020 was P/F Semester, but has an official note from Professor saying earned grade was A

SKILLS

Java /C
Processing
HTML/CSS/JS
Python
Illustration
French
Design Patterns
Scala
MIPS
Unix Shells / Command Line
Public Speaking

PUBLICATIONS IN WRITING AND ILLUSTRATION
Up North Lit, Bridge, Body Without Organs, Blue and White
2018,2019,2020
Designed Official Columbia SEAS 2020-2021 Merch

OTHER INTERESTS
video editing, comedy writing, jazz trumpet, animation, film, history, mythology, fashion,

EXPERIENCE

SOFTWARE DEVELOPMENT/MARKETING INTERN
NabNew | 2021 - Present
Works on the frontend of NabNew.com as company shifts towards building a community space and increasing the number of available products. Fixes bugs (fixed bug affecting all feature page product cards) and implements new features. Launched influencer marketing campaign that significantly decreased customer acquisition costs.

SOFTWARE DEVELOPMENT INTERN
echoAR | 2021- Present
Creates demos showing the capacity of echoAR technology and implements new features on the front/backend of the website.

ADMINISTRATIVE/TEACHING INTERN
Hawken School | 2020-2021
Supports Hawken Upper School with hybrid learning by setting up and troubleshooting new technology, substitute teaching for Film, French, Computer Science, and Math courses, and performing administrative tasks. High use Excel and Google Sheets.

ACTIVITIES

SECRETARY
Columbia Girls Who Code | 2019-Present
Organizes and records meetings, classroom logistics, and official emails of the GWC at Columbia Team. Also heads the Media and Outreach committee as we increase our online presence, launch new website, and enhance the online classroom experience.

ILLUSTRATION/GRAPHICS EDITOR
The Columbia Blue and White | 2019-Present
Coordinates all illustrators of the publication, works with the online editor, and creates digital + traditional illustrations, with work including covers, double folds, animations, and more.

TOUR GUIDE
Meet Me at the Museum | 2019-Present
Volunteers developing and delivering short tours to children at schools that cannot afford formal paid tours at museums across NYC.

PROJECTS

FUNDED PROJECTS 2020 | Java, Processing, Blender, HTML, CSS | Granted funds by Columbia Scholars Program to pursue anthropology x CS projects. Created a visualization of how COVID-19 disproportionately affects BIPOC by death rate, created models of historical Seneca Village, and developed a website to interactively display information on the Virú Valley Project.

CS COURSEWORK PROJECTS   2019, 2020 | Coursework, Java| Created word processor with functionalities including spell check, save, load, etc,, a map connecting the shortest route between cities displaying Djikstra's algorithm, a particle-based smoke effect animation, fundamental web servers and clients, and more.

PERSONAL PROJECTS 2019 , 2020 | Personal, Javascript, HTML, Processing | Tarot reading web app using Popmotion, CSS, JS, HTML (https://samia-mnn.github.io/tarot_reader1.0/) visual clock of the sun and moon's journey across Mt. Parnassus, and interactive artwork displaying Inca gods Mama Quilla and Inti.