

TESNEEM ESSA

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EDUCATION

Macaulay Honors at Hunter College

2021- 2025 **GPA:** 3.92

Major: Computer Science

Minor: Math

Relevant Courses: Intro CS, Software Analysis and Design I, II, & III, Discrete Math, Computer Architecture I & II, Operating Systems, Applied Statistics, Physics, Calculus II, Matrix Algebra

In progress: Practical Web, IOS, & Digital Product Dev, Computer Theory

PROJECTS

[Affordable Housing Analysis Website](#)

As a team, developed a website to provide comprehensive analysis and insights into the availability and affordability of housing options in four neighborhoods in Queens, New York. Utilized Python programming language along with Jupyter Notebook for data analysis and visualization. Implemented web development technologies such as HTML, CSS, and JavaScript to create a user-friendly interface for the website.

SKILLS

- Proficient in Python and C++
- Intermediate in HTML and CSS
- Intermediate in Arabic

PROFESSIONAL EXPERIENCE

Society of Women Coders

January 2023

Intern

- Reviewed and enhanced course material
- Researched the most effective practices for teaching younger students about technology
- Researched monitoring and evaluation practices to create questions that most efficiently measured student growth and change
- Worked as a team to develop new content for the curriculum and created and presented several presentations and outlines detailing these changes
- Actively implemented edits to the curriculum on the Kajabi platform

Brooklyn District Attorney's Office

July - August 2018

Intern

- Conducted legal research and analysis for up to ten cases
- Prepped materials for trial conduction
- Organized court documents to maintain a coherent setting for case research and follow-ups
- Participated in trial zone workshops and judicial, legal, and law enforcement- related field trips
- Observed criminal proceedings