

# PATRICIA MOORE

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Dual-major Engineering and Computer Science student based on Long Island who aspires to leave the world a better place than she found it with her research pursuits.

## EXPERIENCE

**JANUARY 2021 – PRESENT**

**STUDENT INTERN, BROOKHAVEN NATIONAL LAB**

One of 13 students awarded with an internship at my school. Presently researching interconnection methods for AC-coupled low gain avalanche diodes using a combination of Silvaco software tools and MatLab scripts. This is done under the supervision of a mentor, Gabriele Giacomini, and will culminate with the authoring of a paper and poster presentation.

**AUGUST 2015 – MARCH 2020**

**SALES ASSOCIATE, BEST BUY**

Responsible for coaching and training for new associates while I represented the Magnolia hi-fi brand. I consistently topped charts in key sales measurables and was personally responsible for millions of dollars in sales during my tenure.

## EDUCATION

**EXPECTED GRADUATION MAY 2022**

**COMPUTER SCIENCE, ENGINEERING SCIENCE, SUFFOLK COUNTY CC**

Awarded departmental honor for achievements in scientific research in 2019. As a dual-major student my coursework includes the entirety of both the department's requirements, which I complete while maintaining above a cumulative 3.0GPA always.

## SKILLS

- Knows Java with GUI, C++, HTML, CSS
- MVC and Agile Design Patterns
- Data Structures and Data Persistence
- Full-Stack Web Development
- Proficient with AutoCAD and Silvaco TCAD
- Experienced with MatLab and Qualtrics

## ACTIVITIES

I am in the process of preparing materials for 2 conferences, SURC 2021 and AMIA's Informatics Summit 2022. I previously participated in SURC in 2019. I participated in Hack@CEWIT 2021 with 3 classmates where we designed a site for finding COVID vaccine providers that was centered around accessibility. It was awarded Best Pandemic Innovation. I am currently President of the college's Computer Science Club and have organized several virtual events.