

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.