

ROSHAUN BRADY

EDUCATION

Georgia Institute of Technology

MS in Computer Science (OMSCS)

Expected May 2024

Rensselaer Polytechnic Institute

BS in Mechanical Engineering

Graduated May 2020

CONTACT

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LINKS

Linkedin://roshaunbrady007

COURSEWORK

Electric Circuits

Embedded Controls

Elements of Mechanical Design

Modeling & Control Systems

Digital Control Systems

Electronic Instrumentation

Propulsion Systems

Computer Science

Visual Processing

EXTRACURRICULARS

Adventist Community Services

» Soup Kitchen (2022)

Lockheed Martin BRG

» B.E.C Dev. Team (2020-2022)

National Society of Black Engineers

» Treasury (2017-2018)

» Senator (2016-2017)

Annual NSBE/SHPE Career Fair

» Treasury (2018)

» Recruiting Committee (2017)

RPI TV

» Secretary (2016)

» Business Manager (2017)

Black Student Association

EXPERIENCE

Lockheed Martin

Electronics Engineer SUNNYVALE, CA

OCT 2021 - PRESENT

- » Delegate for Certified Principle Engineer (CPE) entrusted to make engineering decisions in absence of lead engineer.
- » Performed several engineering technical evaluations of supplier proposals critical to production.
- » Supports investigations to resolve test anomalies or failures while conducting internal reviews.
- » Provides technical recommendations for the THAAD Program

Combat Systems Engineer MOORESTOWN, NJ

JUL 2020 - OCT 2021

- » Works with software to assess and evaluate issues with the display of the Aegis Combat System as part of the Integration and Test Team.
- » Supports test events for evaluating system performance under various simulated conditions.

Tesla | Hardware Engineering Intern FREMONT, CA

AUG 2019 - DEC 2019

- » Conducted comprehensive system tests on various energy products, such as Tesla Megapack, V3 Solar Panels, Solar Inverters, and MCI's, for ideal solar system integration.
- » Developed Python code in conjunction with MySQL and Tableau to analyze and maintain solar roof performance data.
- » Developed standard documentation for the NEC on solar panel construction and PV safety requirements.

Amazon | Technical Operations Intern COPPELL, TX

JUNE 2019 - AUG 2019

- » Managed the technical operations of DFW6 Amazon Fulfillment Center for optimal system performance.
- » Engineered a new operations process for the non-conveyance sector of facility and designed a robust catwalk for maintenance care.
- » Assisted Amazon Robotics technicians with improving and repairing equipment.

FirstEnergy | Portfolio Engineering Intern AKRON, OH

AUG 2018 - DEC 2018

- » Managed the selection, prioritization, and management of DX and TX portfolios (5.6B per year).
- » Assisted project managers with the initial scoping, estimating, and design of various electric projects.

SelfArray | Engineering Intern, NSF Grant #1758627 TROY, NY

JUNE 2018 - AUG 2018

- » Developed a new python based image analyzing software capable of feature detection.
- » Designed a precision automation tool to control and enhance our patented assembly process for micron-sized LEDs using NX.
- » Conducted research on the assembly of LEDs on different stages to find optimum vibration conditions which increased assembly efficiency by 26%.

SKILLS

Software: NX8.5, LabView, PSpice, MATLAB, Arduino, AutoCAD, MicrosoftOffice, MySQL, Linux

Coding Languages: Python, C, Java, HTML, CSS, JavaScript, OpenCV Library

Audio/Visual: Adobe Premiere Pro CC Editing Program, Adobe Photoshop, Adobe Illustrator, Adobe InDesign, 4k Cameras