

# Sultan (Noah) Hussainsiraj

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## TECHNICAL SKILLS

Revit

Lumion

RAM SS

AutoCAD

## EDUCATION

*The Pennsylvania State University, University Park, PA*

**Bachelor of Architectural Engineering**  
**5-year, ABET-Accredited Program**  
**Option: Structural**

**Expected Graduation: May 2024**

*Relevant Coursework:*

- **Structural Design of Steel and Wood 1 & 2**
- **Design of Concrete Structures for Buildings; Introduction and Advanced**
- **Indeterminate Structural Analysis**
- **Engineering Life-Cycle Economic Analysis of Buildings**
- **Design of Masonry Structures**

## A.E. PROJECT EXPERIENCE

*Arboretum (Team Design Project)*

Spring 2022

- **Worked in a Team of four, tasked with redesigning the Penn State Arboretum**
- **Created a design for the museum emphasizing the connectivity and fluidity**
- **Analyzed the site and its limitations, creating a better visual experience**
- **Created a 3D design through Revit and rendered the model in Lumion**

*Liberal Arts Building (Team Design Project)*

Fall 2022

- **Designed a new Penn State Liberal Arts Building including the architectural, structural, mechanical, and lighting systems**
- **Personally, designed the steel framing system for seven floors**
- **Personally, created the architectural and structural 3D models in Revit and the Lumion renderings**

## OTHER EXPERIENCE

*Rajak LLC, Boonton, New Jersey*

July 2019 – August 2019

- **Bus Aide**

*Jaris Transportation, Boonton, New Jersey*

July 2021 – September 2021

- **Assistant Mechanic**

*8 Transportation, Boonton, New Jersey*

June 2022 – July 2022

- **Bus Aide**