

John Sloane

Certifications and Awards

LEED Green Associate | Spring 2018

IES and IALD Travel Stipend Recipient | 2018, 2019, 2020

1st Place | IES Philly Design With Light | Summer 2017

Besal Fund Recipient | Fall 2020

James Pohlen Scholarship | Fall 2020

Software Skills

3ds Max ●●●●●

AGi32 ●●●●○

Revit ●●●●●

AutoCAD ●●●●●

Rhino/Grasshopper ●●●●●

SketchUp ●●●●○

SolidWorks ●●●●○

Adobe PSD, ID, AI ●●●●○

Prototyping Skills

Sketching ●●●●○

3D Printing ●●●●●

Model Building ●●●●○

CNC Machining ●●○○○

Laser Cutting ●●●○○

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Objective

To secure a full-time position that utilizes my skills to create beautiful, integrated luminous spaces.

Education

The Pennsylvania State University | University Park, PA August 2016-May 2021

Integrated Bachelor and Master of Architectural Engineering | ABET Accredited
GPA: 3.830

Tsinghua University | Beijing, China Summer 2018

Summer School for International Construction

University of Hong Kong | Hong Kong Summer 2018

Courses: Building Case Studies, Architecture Studio and Urbanization in China

Work Experience

Lam Partners | Cambridge, MA June 2020-August 2020

Lighting Design Intern

- Exercised lighting design skills and challenged preexisting methods
- Leveraged computational design experience to craft impactful daylight spaces

SmithGroup | Detroit, MI May 2019-August 2019

Lighting Design Intern

- Applied all levels of the lighting design process on variety of projects
- Coordinated with architects and engineers to integrate lighting solutions
- Refined sketching and other communication skills through project application

Focal Point Lights | Chicago, IL May 2017-August 2017

Design Engineer Intern - New Product Development

- Designed custom luminaires and provided design support for existing product

The Pennsylvania State University | University Park, PA

Team Leader | Student Lighting Design Project August 2019-Present

- Lead a small group of students to develop a lighting design for the Old Main Bell Tower at Penn State University
- Coordinated with stakeholders to mindfully integrate into historical structure

Research Assistant with Dr. Houser October 2017-May 2019

- Designed and developed a LED PAR 38 luminaire and mobile lighting display

Teaching Assistant for EDSGN 130 (2017-18), AE 497 (Summer 2020)

Activities

Penn State Habitat for Humanity Member: August 2016-Present

Club Advisor 2020-21, Executive Director 2019-20, Vice-President for 2018-19,

Fundraising Chair 2017-18, Construction Committee Chair

- Lead students to organize volunteering activities across the United States
- Engaged with local community to promote decent, affordable housing

Computational Design Club at Penn State August 2020-Present

Founder and President 2020-21

Council of Lionhearts Member: August 2018-Present

Vice-President FA 2019

- Organized fellow campus service organizations in joint volunteer events

Business Experience for Undergraduate Students Summer 2018

Penn State Illuminating Engineering Society Member: August 2016-Present