Sydney Schroeder

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Objective

Highly motivated lighting designer and engineer with experience in commercial, industrial, and residential design and product management. Excels in both team and independent work environments.

Education

B. S. in Architectural Engineering: *University of Colorado – Boulder 2021*
- Concentrated in Lighting and Electrical Systems.
- Passed Fundamentals of Engineering Exam for Other Disciplines.

Technical Skills

Adobe InDesign	AGI32	Visual Controls
Adobe Photoshop	Autodesk Revit	SketchUp
Blue Beam	Visual Lighting	AutoCAD

Technical Experience

Specialty Brand Product Engineer, Leadership Program: *Acuity Brands, July 2022 – Present*
- Responsible for establishing project specifications and applications for new product development.
- Led research for the market potential of new specialty lighting products based on current trends, sales, and designer and customer experiences in the industry.
- Analyzed specification requirements, competitive offerings, and the voice of customers to establish manufacturing needs of specialty lighting brands.
- Responsible for completing competitive analyses for specialty lighting products.
- Product management team member responsible for Healthcare Lighting, Luminaire LED, and Hydrel lighting brands.

Applications Engineer, Leadership Program: *Acuity Brands, July 2021 – June 2022*
- Lead application engineer for the new Acuity Brands corporate headquarters, responsible for product selection, lighting calculations, product orders, and served as the main point of contact for the architectural and engineering teams.
- Executed commercial and architectural lighting designs based on submitted requests for interiors and exteriors while communicating with sales agents.
- Responsible for creating 3D object library through SketchUp and conducting team trainings for SketchUp at internal annual training event.

Resident Advisor: *University of Colorado – Boulder, May 2018 – May 2019*
- Developed conflict management, interpersonal, and time management skills.
- Resolved conflicts and communication issues across cultural and personal differences.
- Interacted with residents and faculty daily and increased community activity.

Leadership

Co-President: *Architectural Engineering Institute (CU Chapter), May 2019 – May 2020*
- Networked with companies in the industry for scheduling and fundraising for the chapter.
- Organized Habitat for Humanity volunteering for architectural engineering classes.

Memberships

Illuminating Engineering Society Member: *CU Boulder IES Chapter, January 2020 – May 2021*