

Electrical (Lighting) Project Engineer

Firm / Who We Are

Established in 1911, James Posey Associates (JPA) is a mechanical, electrical, plumbing (MEP), fire protection (FP) engineering design and commissioning firm located in Baltimore County, Maryland. As a small business, JPA has maintained important relationships throughout its 110-year history and expanded its clientele throughout the Maryland, Virginia, and Washington DC area. Our portfolio includes a wide variety of projects in the education, government, medical, research, critical-operations, historic, and cultural market sectors, including many iconic facilities with high-profile clients. Our firm embraces progressive engineering technologies, LEED and sustainable design principles, and promotes full project collaboration through Building Information Modeling (BIM) and project management strategies.

Whether student, entry level, or seasoned, JPA is committed to mentoring and professional development aimed at assisting talented staff achieve their professional goals. The company structure fosters an environment for employees to grow at their pace. Opportunities to succeed with JPA, coupled with the firm's collaborative environment, social stewardship, and attractive benefit package, contribute to JPA's long history of successful staff retention.

Position / What We're Looking For

JPA is currently seeking a highly motivated Lighting/Electrical Project Engineer with design experience in building lighting design, lighting control systems, branch circuit power systems, and energy code requirements. The ideal applicant is an entry-level engineer with multiple internships or a lighting / electrical engineer with a few years' experience. Applicant should expect to work primarily with Project Managers and senior staff; coordinate with work of other disciplines; and serve an active role in the design, engineering, and production of contract documents. Applicants will also be expected to assist staff when needed in electrical design and to be part of the construction administration process. Ideal candidates should possess the following:

- Bachelor and/or Master degree(s) in Architectural Engineer;
- 0-5 years of experience;
- Strong experience designing and specifying modern and current lighting and lighting controls technologies;
- LC, CLD, or LC Intern status is expected;
- EIT status (or PE license) is preferred;
- Proficient or familiar with AGI32 lighting software;
- Certification and/or familiarity with sustainable design principles (LEED AP BD+C and WELL AP);
- Proficient in Autodesk REVIT and AutoCAD design software;
- Proficiency and/or experience in Microsoft Office Suite, Adobe Acrobat, and other commonly-used computer software packages;
- Basic familiarity with national, state, and local codes and energy standards;
- Experience in modeling and drafting lighting electrical system components.

Ideal candidates must also demonstrate:

- Professional work ethic and strong desire to work as part of a multi-discipline design team;
- Excellent written and verbal communications skills;
- Problem-solving, decision-making, and analytic skills;
- Progressive, energetic, and positive work attitude to contribute to and excel in a team environment;

JPA's competitive compensation and benefits package include:

- Competitive salaries, including paid overtime;
- Performance-based bonus;
- Health, vision & dental insurance (employee & family/dependent plans);
- Generous company-funded 401(k) profit sharing retirement plan;
- Paid holidays (8) & personal time off;
- Mentoring & individual professional development plans – networking events, seminars, and training;
- Tuition reimbursement plan;
- Short- & long-term disability insurance;
- Flexible spending account;
- Community engagement, environmental stewardship & social events;
- Free on-site parking & gym amenities.

For more information on our firm's vision, projects, client base, and culture, please visit our website at www.jamesposey.com.