

New Graduates



Affiliated Engineers is a collaborative community of 650 resourceful, creative professionals who plan, design, and deliver high performance systems for organizations improving lives and contributing to a sustainable future. Our success is built on relationships – with our clients, our partners, and each other.

Focused on optimal functionality, efficiency, reliability, flexibility, sustainability, and resilience, AEI has grown from the simple idea that engineering is about finding a better way of doing something. We seek similar qualities of optimal performance in our recruits: talent committed to expertise and insight through collaboration and experience.

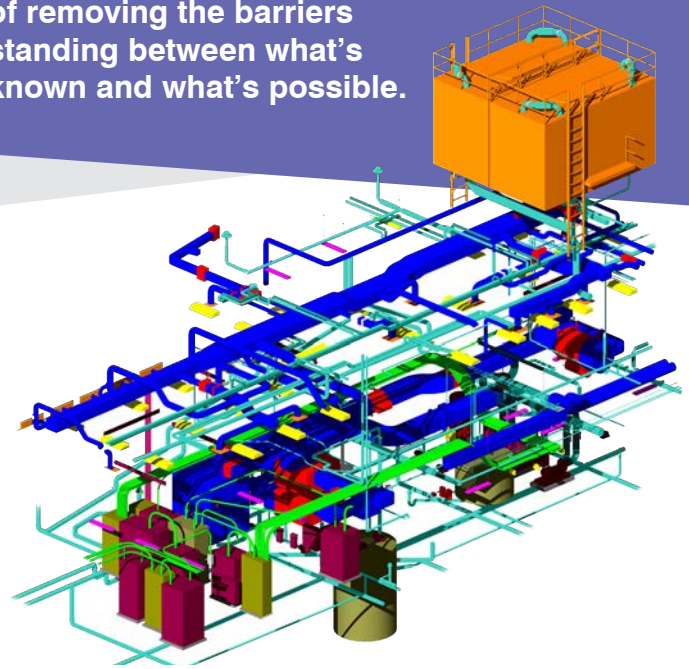
Our clients present us with complex challenges. Our solutions keep us at the leading edge of a profession evolving as quickly as the markets we serve. We're leading the evolution with cross-disciplinary teams who engage client leaders and define project concepts, driving new paradigms with creative understanding of

project and market opportunities and the resourceful application of integrative strategies. And while we're transforming what we do, we're transforming how we do it, with process optimization and custom data visualization tools.

Our success is based on the curiosity, imagination, diligence, and persistence of our engineers. Your success will be based on your creative understanding and ability to collaborate and communicate. We will encourage you to pursue design challenges that interest you and are valued in the marketplace, and you will have the support and guidance of your team members and the professionals throughout the AEI system.

VISION: FROM WHAT IS KNOWN TO WHAT IS POSSIBLE.

The growing functional requirements of buildings, accompanied by diminishing resources, have elevated the engineer's stock-in-trade role of doing more with less to the status of a visionary. At AEI, you can start applying your education to the challenge of removing the barriers standing between what's known and what's possible.



MECHANICAL

Heating, ventilation, air conditioning, and refrigeration are defining components of virtually all our projects, sustaining the precise conditions of controlled environments. We create flexible facilities that optimize energy efficiency, minimize impact on the natural environment, and fulfill immediate requirements while anticipating the needs and technologies of the future.

ELECTRICAL

Reliability and efficiency analysis form the basis for distribution network arrangements that deliver power to sophisticated systems and vital equipment. Healthcare, research, test cells, and other complex facilities from aerospace to the arts, all demand consistent power, with sources of power quality disturbances identified and mitigated.

PIPING/PLUMBING

AEI provides expert planning and design of piping to efficiently transport liquids and gases. We specialize in the sophisticated systems supporting science and technology research, healthcare delivery, academic medical centers, utility infrastructure projects, and process and manufacturing development.

FIRE PROTECTION

Fundamental to every building project are fire protection measures that provide the opportunity to reduce fire damage with automatic and manual fire extinguishing systems. By designing these systems in direct relation to the occupancy and building type, AEI offers a comprehensive fire protection design.

HIGH PERFORMANCE DESIGN

Balancing energy and water use, occupant experience and resilience as key drivers, high performance design is our approach to integrating sustainable building design measures and applying them to the lifespan of the building. Our core markets demand the greatest rigor in pursuit of optimal performance, which we provide through dialogue and exploration, and by leveraging energy, water, airflow, and daylight modeling, life cycle cost analysis, and resilience analysis.

MARKETS

Science & Technology
Healthcare
Energy & Utilities
Higher Education
Aviation & Aerospace
Industrial Test Facilities
Mission Critical
Federal Government
Cultural & Public
Process/Clean Manufacturing
Commercial/Office
Sustainability

OTHER AEI DISCIPLINES

Infrastructure
Instrumentation & Controls
Technology
Test Engineering
Commissioning

LOCATIONS

Atlanta, GA • Baltimore, MD • Chapel Hill, NC • Chicago, IL • Denver, CO • Gainesville, FL • Houston, TX • Los Angeles, CA
Madison, WI • Phoenix, AZ • Portland, OR • San Francisco, CA • Seattle, WA • Tampa, FL • Washington DC • Leicester, UK