



Toyon Research Corporation

6800 Cortona Drive
Goleta, CA 93117
www.toyon.com

CAREER OPPORTUNITIES – Sterling, VA

Building Automation Controls Engineer (Ref #1001-G)

Toyon is seeking an individual to support the implementation of specialized building automation systems for government clients in the Washington, DC, area. Toyon's project team of scientists and engineers is responsible for supporting systems engineering lifecycle processes to assure high reliability of operational capabilities. The controls engineer is an integral part of the team, overseeing integration and performing commissioning on a variety of direct digital control (DDC) system designs.

The controls engineer may at times be responsible for designing, developing, and supervising all aspects of HVAC control systems, equipment, and machinery, including the installation and technical support of DDC based hardware and software. A typical project requires a balance of independent work activities at customer sites as well as participation in team planning, task execution, and reporting activities at our office in Sterling, VA.

The ideal candidates will have the following experience, skills, and ambitions:

- Minimum of 5 years engineering work experience, and a minimum of 2 years directly working on the design and programming of building automation systems
- Familiarity with applicable industry guidelines and standards for commissioning of DDC systems
- Extensive experience with DDC device-level programming
- Knowledge of network communication and DDC communication protocols
- A desire to directly work with and present results to customers
- Excellent planning and problem solving skills
- Ability to formulate work plans and troubleshooting methods given multiple constraints
- Ability to work with others to plan, conduct, and report work efforts
- Knowledge of computer modeling and analysis tools (e.g., MATLAB)
- Ability to understand and model physical or electronic systems
- B.S. or M.S. in engineering, physics, mathematics, or a related field
- All candidates must be U.S. citizens, existing security clearance desirable

U.S. Citizenship Required

Please mail resumes to:
TOYON RESEARCH CORPORATION
Attn: Human Resources
6800 Cortona Drive
Goleta, CA 93117

or email to:
employment@toyon.com

Toyon is an Equal Employment Opportunity Employer M/F/D/V

WE OFFER OUTSTANDING BENEFITS INCLUDING COMPANY PAID PENSION AND PROFIT SHARING PLANS.