

## Software Engineer II/III (C, C++)

03-2017

Colorado Springs, CO

### Job Description

This software engineer will utilize strong design and C/C++ programming skills to develop communications interfaces, software libraries, GUI interfaces, and real-time applications.

This engineer will work in a creative hands-on R&D atmosphere with a cross-functional team of hardware, firmware, software, and research engineers and program managers. They will contribute to the design and development of global positioning (GPS/GNSS), inertial, and digital signal communication systems and products where the key innovation is software-based. This position is available for immediate fill for a full-time, long-term engagement.

*NAVSYS offers a competitive salary and a comprehensive benefits package which includes medical, dental and vision plans, life and STD/LTD disability insurance, a 401K retirement plan, vacation and holiday leave, an education assistance program, and flexible hours.*

### Requirements

The level of position (II or III) will be dependent on experience, skill level, and extent to which the candidate meets all minimum and desired requirements.

The candidate **must** possess the following combination of knowledge, skills, and experience:

- 4+ years of hands-on experience and demonstrated proficiency in design and coding in C and C++ applications.
- Experience with real-time applications.
- 2+ years of experience performing requirement analysis and architectural design.
- Two or more years of experience with Object-Oriented Analysis and Design.
- Strong organizational, planning, multitasking and problem solving skills.
- Strong verbal and written communication skills.
- **U.S. citizenship is required.** Applicants must be security clearance eligible. A government security investigation will be requested for access to classified information.

The following knowledge, skills, and experience are **desired**:

- BS degree or higher in Electrical Engineering, Aerospace Engineering, Physics, Computer Science, Mechanical Engineering, or other related technical discipline.
- Additional experience in Java.
- Extensive experience with real-time applications.
- Experience leading a design team.
- Experience using or interfacing with MATLAB and/or Simulink code.
- Knowledge of GPS or navigation systems, software defined radios, and digital signal processing concepts.
- Experience with service-oriented architectures.
- Experience with system integration and testing and performance analysis.
- An active secret clearance.

**For Consideration:** Please send your resume and cover letter describing your relevant experience and skills along with a salary history to: [careers@navsys.com](mailto:careers@navsys.com)

## **About NAVSYS**

Founded in 1986 by Dr. Alison Brown, NAVSYS is an established, and well-respected R&D firm breaking ground in GPS, inertial navigation and communications products. NAVSYS was the recipient of the prestigious 2007 SBIR Tibbetts Award and the 2008 AFEI Excellence in Enterprise Integration Award. NAVSYS offers a learning and development environment with access to cutting edge technology. Our main facility is located at the foot of the breathtaking Rocky Mountains in northern Colorado Springs, and we also have a facility located in Salida Colorado. If you are looking for an exciting and challenging, fast-paced environment, apply to join our team! NAVSYS is an Equal Opportunity Employer. Read more about our company at <http://www.navsys.com/>.

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