



1150 McBride Avenue
Little Falls, New Jersey 07424-2500
Tel. (973-785-6000)
Fax (973-785-6255)

Principal Engineer

Responsibilities:

- Leads a team of analysts; supports and coordinates system development activities including but not limited to: 1) system architecture & design; 2) software design & development; 3) software test cases; 4) hardware/software integration and software validation.
- Supports proposal activities
- Develops and monitors cost & schedule estimates.

Qualifications:

- At least 15 years of experience in the analysis of Strapdown Inertial Systems (Ring Laser Gyro based IMU/INS/GPS INS) including: 1) system error budgeting and performance analyses; 2) error modeling and compensations; 3) software algorithms development and simulations; 4) design, development and optimization of Kalman Filters; 5) GPS, DGPS, DVL and Odometer aiding and associated algorithms; 6) IMU/INS/INS GPS calibration and test techniques and 7) experience with inertial sensors and error mechanizations.
- Advanced degree MS preferred. (Math/Physics)
- Desired capability/experience in CMMI.

KEARFOTT CORPORATION
Guidance & Navigation Division

1150 McBride Avenue
Little Falls, New Jersey 07424-2500
973-785-6000

Fax: 973-785-6255

Email: careers@kearfott.com

www.kearfott.com

An Equal Opportunity Employer

EOE/M/F/D/V