



## DANIEL H. WAGNER ASSOCIATES

INCORPORATED  
CONSULTANTS

OPERATIONS RESEARCH • MATHEMATICS • SOFTWARE DEVELOPMENT  
<http://www.wagner.com>      <http://www.mathfinance.wagner.com>

### Software Engineering Job Opportunity

Daniel H. Wagner Associates (<http://www.wagner.com/>) is seeking enthusiastic full-time Software Engineers to design, develop, test, and maintain high-quality, innovative software at our Vienna, VA office. A Security Clearance or the ability to obtain one is required. **US citizenship is a requirement for employment. F1 Visas, Green cards, and similar documentation are not sufficient for this position.**

Wagner's research and development (R&D) efforts encompass a range of topics, including distributed data fusion for swarms of autonomous unmanned vehicles, distributed decision support and mission planning, and cloud computing. These efforts include multiple projects with DARPA, the Office of Naval Research (ONR), NASA, and U.S. government laboratories. For a video showing some of our swarming boat work, see <https://www.youtube.com/watch>. Our R&D efforts have led to many operational systems, including mission planning and data fusion systems deployed on U.S. Navy anti-submarine warfare (ASW) ships and helicopters.

Applicants must be industrious, highly self-motivated, and able to learn new technologies quickly. Interested candidates should submit their resume, academic transcripts, and cover letter to [jobsNVA@nva.wagner.com](mailto:jobsNVA@nva.wagner.com) to apply for the open position in our Vienna, VA office.

#### Qualifications sought:

- Preferred degrees: BS, MS, and/or PhD in computer science, computer engineering, or software engineering (including proficiency in mathematics courses)
- Other degrees considered: BS, MS, and/or PhD in mathematical sciences, physics, mechanical or electrical engineering, or operations research with minor/concentration in computer science/engineering and/or software development experience in industry
- Exceptional academic record (suggested GPA 3.5 or higher)
- Ability to be self-directing and work independently
- Solid written and oral communications skills
- Understanding of Object-Oriented Design and Programming
- Strong problem solving, testing, and debugging skills
- Linux/UNIX/Windows/C++/Java/Python experience desired

Wagner Associates is a small, employee-owned firm with a 50+ year tradition of excellence in Operations Research, Mathematics, and Software Development. We offer the following to our employees:

- Casual work environment with flexible work hours
- Competitive compensation plus bonuses, 401K with company contribution for retirement, professional leave with expense account and tuition reimbursement
- 89% of health/dental insurance premium covered and fully funded Health Savings Account (HSA) or cash-in-lieu of medical insurance benefit
- Private offices with ergonomic work stations in professional building with free parking

#### **Company Info:**

Website: <http://www.wagner.com>

Size: 30+ Employees

Type: Company – Private (Employee Owned)

Headquarters: Exton, PA

Founded: 1963

Industry: Research & Development