



Research Engineer with Experience Analyzing Social Media or Intelligence Data

Computer Engineer (DR-0854-02)

Job Overview

The Mission Analytics Branch of the 711th Human Performance Wing within the Air Force Research Laboratory (711 HPW/RHWA) seeks to hire a highly qualified Computer Engineer to support the System Analytics Core Research Area.

Position duties include, but are not limited to:

- Responsible for conducting scientific and technical research and adapting known scientific principles to the development of advanced Intelligence, Surveillance, and Reconnaissance (ISR) analysis support tools.
- Contributes to all phases of basic research, applied research, and prototype development involving technology advancements supporting human-machine teaming within the ISR mission domain.
- Performs various duties concerned with the application of, or research into, methods and techniques related to computer hardware and software and their integration, specifically in an ISR analysis context.
- Determines how best to accomplish research objectives, develops and evaluates alternatives, designs and conducts experiments, analyzes and interpret results, publishes papers and technical reports, delivers presentations of research results, and monitors in-house activities.
- Responsible for requirements definition, system design and development, configuration management, software unit testing, and software documentation.
- In addition, member develops program plans and procurement documentation, coordinates within own organization to support technology transition/transfer solutions in the pursuit of these objectives.

Required Qualifications

- United States Citizenship



- Applicants must have at least one (1) year or 52 weeks of specialized experience. Specialized experience must include professional engineering, scientific OR psychological research theory experience leading and managing human performance research and development programs to enable, enhance, sustain, and restore the health and human performance of the multi-domain Airman and Guardian; AND experience collaborating with educational and research institutions.
- For general information on qualifying education, experience, and combination of education and experience requirements which are defined based on the level of the position being filled click on the following [link](#).

Desired Qualifications

- Experience in computational and mathematical modeling of complex data sets
- Knowledgeable with machine learning techniques
- Familiarity with Agile software project management
- Ideally, familiarity with ISR analytic tools
- Ideally, experience managing technical and financial aspects of Research and Development (R&D) projects and contracts.
- Eligible for Top Secret clearance
- Experience collecting and analyzing data and reporting results to the scientific/DoD community.

Location: Wright-Patterson Air Force Base, Dayton, Ohio

Salary Range: \$79,647 - \$123,124