



We are leaders  
that can and do  
improve the world



Position Available

# Software Engineer

Join a team of fearless developers working on true joint cognitive systems that make a real impact. If you thrive on solving important, hard problems that others believe are impossible, and if you want to do work that truly matters, we have an exciting opportunity for you.

At Resilient Cognitive Solutions (RCS), we work with the world's premier Cognitive Systems Engineers to design and deploy cognitive affordances in critical environments with large data and time-sensitive operations. As a Software Engineer, you will be an integral part of our elite team, transforming these designs into reality.

We are looking for team members who are seeking a non-traditional path, who love diving into unique and complex problems, and who are passionate about making a difference in the world.

## Responsibilities

- Develop full stack web and cloud applications using client-side technologies like HTML5 and various JavaScript APIs/frameworks, including jQuery, D3.js, Node.js, React, and AngularJS and advanced server-side services and technologies like Apache Spark, Postgres, Mongo, Accumulo, and even SQL.
- Deploy standalone applications or integrate into complex customer environments.
- Support existing applications/prototypes in production/staging environments, troubleshooting and extending functionality as required.
- Conduct rapid prototyping of key technology risk areas early in the project lifecycle.

- Perform iterative evaluations of system prototypes and operational evaluations of fielded decision support systems.
- Work as part of a multidisciplinary team, under the supervision of a principal software developer.
- Develop innovative and user-friendly GUI designs for complex domains.
- Assist in system administration duties, such as managing physical and virtual servers, user accounts and inventory.

## Minimum Qualifications

- Bachelor's degree in computer science or related technical field, or equivalent practical experience.
- Experience coding in a general-purpose programming language, such as JavaScript, Python, Java, C, or C++.
- Experience in full stack, full lifecycle development of web applications
- Knowledge of both Windows and Linux operating systems, including Linux command line skills.
- Strong analytical and problem-solving skills.
- Excellent interpersonal, verbal, and written communication skills, with tolerance for ambiguity.
- Aptitude for learning new programming languages as needed.
- Active TS/SCI with Polygraph clearance.
- Due to the nature of the work, U.S. Citizenship is required.

## Preferred Qualifications

- Familiarity with NoSQL databases (Key-value, Document, Graph).
- Working experience with software libraries/projects within the Apache Hadoop framework, particularly Zookeeper and HDFS.
- Knowledge and practical experience with various Geospatial APIs (ESRI ArcGIS, Open Layers, Google Maps, etc.).
- Experience building scalable applications using Node.js.
- Familiarity with AWS platform/tools and deploying applications to the cloud.

Join us in building true joint cognitive systems  
and making a real impact in the world.



# Who We Are

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## About

Our culture fosters personal and professional growth, with a focus on collaboration and innovation. We believe in a flexible work environment and offer the opportunity for both in-office and remote hybrid work options with core business hours being 10:00 am – 3:00 pm EST.

At RCS, we simplify complex decision environments. Our team consists of Cognitive Systems Engineers, Software Engineers, and Visual Designers who work together to create unique decision support systems for the public and private sectors.

## Location

RCS is based in Pittsburgh, PA, near major universities like Carnegie Mellon and The University of Pittsburgh. With easy access to entertainment and sports venues, Pittsburgh is known for its livability and affordability. It is an incubator of technology and medical innovation.

## People & Culture

Our team is passionate about changing the world, knowing that their innovative solutions can save lives, enhance security, and improve communities. We provide an environment that fosters personal and professional growth, encouraging collaboration and innovation. We believe in harnessing the power of group perspectives and constantly challenging the status quo.

## Leadership

RCS is a veteran-owned small business led by William Elm, a CSE Fellow and pioneer in the field. Our leadership team fosters excellence and innovation while providing freedom for individual growth and development. RCS has over 15 years of success delivering revolutionary decision support to commercial, DoD, and IC customers.

## Equal Employment Opportunity

RCS is an equal opportunity employer. We value diversity and inclusion, and all qualified applicants will receive consideration for employment without regard to race, color, religion, gender, national origin, disability status, protected veteran status, or any other characteristic protected by law.

With a career at RCS, you will make a difference in the world by helping enterprises overcome decision-making complexity.



We invite you to learn more about a career with RCS.

Please submit a resume to:  
[careers@resilientcognitivesolutions.com](mailto:careers@resilientcognitivesolutions.com)

RCS Careers Page:  
[resilientcognitivesolutions.com/careers](https://resilientcognitivesolutions.com/careers)



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