

# Intelligence Sensor Algorithms Engineer, Google Nest

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 [careers.google.com/jobs/results/84760765669483206-intelligence-sensor-algorithms-engineer-google-nest](https://careers.google.com/jobs/results/84760765669483206-intelligence-sensor-algorithms-engineer-google-nest)

## Qualifications

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### Minimum qualifications:

- Bachelor's degree in Computer Science or a related technical field or equivalent practical experience.
- 2 years of experience working with algorithms and data analysis for on-device algorithms.
- Experience working with C++ and/or Java.

### Preferred qualifications:

- 2 years of experience working with models for learning algorithms, and building production software in a team-based development environment.
- Experience working with Radar.
- Experience working with Python data analysis tools.
- Effective data analysis, visualization, rapid prototyping, and validation skills.

## About the job

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Google's software engineers develop the next-generation technologies that change how billions of users connect, explore, and interact with information and one another. Our products need to handle information at massive scale, and extend well beyond web search. We're looking for engineers who bring fresh ideas from all areas, including information retrieval, distributed computing, large-scale system design, networking and data storage, security, artificial intelligence, natural language processing, UI design and mobile; the list goes on and is growing every day. As a software engineer, you will work on a specific project critical to Google's needs with opportunities to switch teams and projects as you and our fast-paced business grow and evolve. We need our engineers to be versatile, display leadership qualities and be enthusiastic to take on new problems across the full-stack as we continue to push technology forward.

With your technical expertise you will manage project priorities, deadlines, and deliverables. You will design, develop, test, deploy, maintain, and enhance software solutions.

The Intelligence team is responsible for the research and implementation of data-driven algorithms that enable Nest to create intelligent services. As an Intelligence Sensor Algorithms Engineer, you'll develop data-driven algorithms for key features in

foundational projects at Google Nest.

Google's mission is to organize the world's information and make it universally accessible and useful. Our Devices & Services team combines the best of Google AI, Software, and Hardware to create radically helpful experiences for users. We research, design, and develop new technologies and hardware to make our user's interaction with computing faster, seamless, and more powerful. Whether finding new ways to capture and sense the world around us, advancing form factors, or improving interaction methods, the Devices & Services team is making people's lives better through technology.

## Responsibilities

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- Drive the data collection, analysis, design and implementation of sensor algorithms for Google Nest products and services.
- Define and deliver key algorithms, success metrics, and reference documentation for key features.
- Collaborate with cross-functional teams to implement quality, correctness, and performance measurement and monitoring throughout the product life-cycle.
- Support various cross-functional teams with data analysis to ensure product success.