

Job Title	Senior RF Research Associate - 7200F1
PVN ID	SI-2210-005184
Category	Research
Location	COLLEGE OF STATEN ISLAND

Department

Status	Part Time
Hourly Rate	\$52.13-\$52.13
Hour(s) a Week	0.00-19.00
Closing Date	Dec 25, 2022 (Or Until Filled)

General Description

Software/Data Engineer - Grant Funded (part-time)

Salary: \$52.13 per hour

Hours: 19 hours per week

Commitment: 52 weeks

This is a grant-funded position from The City University of New York. Grant-funded positions expire either at the end of the stated term or whenever funding for the position ceases.

About Nanit:

The team behind Nanit are experts in those first precious moments of your baby's life. The company provides products and services that help parents stay informed on their baby's health, safety and well-being through smarter and better use of technology. In 2016, the Nanit baby monitor revolutionized the industry with computer vision and machine learning capabilities that helped parents help their babies sleep better. Now, the company has become the leader in the connected nursery space, with an incredible customer base of highly-engaged new parents who look to Nanit as a source of information and expertise on their parenting journey.

About The Role:

In partnership with The City University of New York, you will collaborate as a member of the Nanit team and liaise with Dr. Sarah Berger (College of Staten Island) to work on innovating our research. You will help shape how Nanit runs its algorithms on the camera and the cloud and how it communicates with the rest of the world.

Other Duties

What you will do:

- Software engineering: act as the software engineering focal point within the research group.
- Data engineering: enable the systematic collection, curation and availability of large and complex datasets.
- Research and integrate tools and best of breed methods into the research data processing pipeline.
- Design and implement solutions for enabling and streamlining the research process.
- Work with state-of-the-art AI and vision algorithms and methods.
- Collaborate closely with research partners from both academia and industry.

Qualifications

Requirements:

- 3+ years experience in Software Engineering.
- BSc Computer Science or similar level related experience.
- Strong programming skills (preferred language: Python).
- Ability to work independently with remote guidance.
- Strong ability to self-learn, come up with solid solutions to problems and lead their execution.
- Passion for writing clean and robust code, and applying Software Engineering best practices.

Preferred:

- Experience with DevOps / MLOps
- Experience with Data Engineering and data-centric systems.
- Knowledge in Computer Vision and Machine Learning.
- Experience with statistical programs (R and SPSS preferred)