You are receiving this email because you are enrolled in the MSIS/MST graduate degree programs within the Department of Informatics and Networked Systems at the School of Computing and Information. Each weekly newsletter will feature important updates on career/academic and job opportunities, department and school events, enrollment guidance and upcoming academic deadlines.

JAMES PETRAGLIA
DINS DEPT. & GRADUATE SUPPORT ADMINISTRATOR

Available in Person in IS Building Room 706 starting January 3, 2024, Monday through Friday.

Full-Time · Internship

Machine Learning Intern

Magna International
On-site ·
Lowell, MA

Role Description

Magna New Mobility is a startup inside Magna International, a mobility technology company and one of the largest automotive suppliers in the world. The Machine Learning Intern will be supporting machine learning algorithm development of object and environment perception for autonomous driving vehicles. The tasks of the

position include but are not limited to annotation of data collected from autonomous vehicle, test, and validation of machine learning results with real data.

ML Intern Responsibilities

· Validate and audit labelled data for machine learning models

· Implement an algorithm to find possible erroneous annotations based on pre-train model and create error reports to make vendor modify the errors

· Create and deliver reports and presentations to explain and document your results

· Perform other duties as required

Machine Learning Intern | Magna International | Handshake (joinhandshake.com)

Quality Assurance Tester

Invictech Inc
On-site ·
East Windsor, NJ
What you will work on

- Responsible for the overall testing of systems including functional testing of new requirements, regression, and operational testing in Java and Javascript.
- Engage in comprehensive back-end testing of systems, employing scripts & code-based testing methods to ensure robust performance and reliability.
- Take initiative in writing unit tests and actively contribute to enhancing the existing testing frameworks and methodologies.
- Drive the development and automation of test plans and cases, with Agile and Waterfall.
- Perform system, regression, user acceptance, integration, and performance testing using Cloud infrastructures to ensure delivery of high-quality systems.
- Lead the creation, development, and execution of test strategies and plans, showcasing strong strategic thinking and leadership skills.
- Collaborate closely with developers and engineers, fostering a cohesive environment and ensuring alignment with overall project objectives.

What you need to have

- Experience and strong understanding in Java or other programming languages such as C, Python, C#, C++
- Understanding of relational databases (SQL).

- Familiarity with various testing frameworks (Selenium etc).
- Entry-level experience and skills with OOP (objective-oriented programming) and APIs.
- Desire for continuous learning and improvement.
- Strong verbal and writing communication skills.
- Self-starter, strong work ethic.

Quality Assurance Tester | Invictech Inc | Handshake (joinhandshake.com)

ML Intern Qualifications:

- Undergraduate student or higher education in EE/CS/ME/Robotics/Aero Space engineering
- Basic Machine Learning (CNN/DNN/AI) experience
- Basic Image Processing experience
- Basic programming skills with C/C++, Python, etc.

Regards,
James Petraglia (Pa-trail-ya)