

Software Engineer

Overview/Description

Eagle Vision Systems is looking for a talented and motivated **Computer Vision Software Engineer** with solid computer vision and computer science fundamentals for our R&D team in Almere.

Our Systems help production and filling facilities from across a diverse field of businesses around the world to inspect and improve their production quality with uniquely powerful software and hardware products.

You will work as a Software Engineer in a team of software and hardware engineers on multiple inspection domains. As a Computer Vision Algorithm Software Engineer, you will be responsible for the full stack from researching, designing, implementing, testing to deploying the new algorithms and services in a fast-paced, iterative development environment. A successful candidate will be able to deliver high-quality, scalable, innovative, fully performing software in compliance with coding standards.

Location

This job is located in Capelle ad IJssel, The Netherlands.

Responsibilities:

- Computer vision algorithms research and full lifecycle development;
- Design, code, debug, test and deploy scalable applications mainly in C++;
- Collaborate with the Imaging Engineer on the feasibility and the development of the algorithms;
- Object Oriented Design and Analysis;
- Software analysis, code analysis, requirements analysis, software review, system risk analysis, software reliability analysis;
- Performance tuning, improvement, balancing, usability;
- Front end graphical user interface design and implementation for the vision algorithm users;
- Functional testing and quality assurance of the vision algorithms;
- Support, maintain and document application functionality;
- Task planning and management;
- Propose solutions by developing documentation, flowcharts, layouts, diagrams, charts.

Qualifications

- Computer Science or related field BSc degree;
- Advance knowledge of Computer Vision Algorithms and Libraries;
- Advance knowledge of Object Oriented Programming and Data Structures;
- Advance knowledge of and experience with C++ Programming Language;
- Good knowledge of Software Architecture and Design Patterns;
- Providing high quality code;
- Experience with SVN or similar versioning systems;

- Experience with Visual Studio IDE or similar editors;
- Ability to document requirements and specifications;
- Good command of English both written and verbal;
- Intellectual drive to learn anything;
- Great debugging and reasoning skills;
- Team Player.

Preferred Qualifications

- Computer Science or related field (MSc or PhD degree);
- Real-time application programming experience;
- Agile development processes and principles.

What we offer

In addition to a competitive salary, we offer excellent benefits including:

- Flexible work hours and remote work (depending on the workload and work type);
- Competitive salary and excellent employee benefits;
- Independent and varied position in a fast-growing and ambitious company;
- A dynamic team with active and committed colleagues;
- Long term relationship.

How to apply

Become part of our team! If you are interested in this position, please send your CV to jobs-ic@industrialphysics.com. Do you have any questions? Call or email Suzy Meconen or Monique Westerduin: +31 (0) 10 79 00 100.

About Industrial Physics

Industrial Physics is the world's leading test and inspection partner. Operating in over 75 countries and across a family of brands, we've been supporting manufacturers, laboratories, and production lines across multitude of industries for almost 100 years. It's our innate desire to continuously learn, innovate, and better ourselves that allows us to provide the highest quality of products, services, and bespoke solutions.

A job with Industrial Physics allows you to make a real difference. When you build your career with us, you're not only protecting the integrity of the world's leading brands and manufacturers, but you're also having a positive impact on real-life, everyday moments.