

Embedder Software Developer

Job Profile:

As a Software Developer, you will be working with robot team to develop a house care robotic system. You are responsible for all stages of a product/specifications/approvals/conformance, from research and development to design and fabrication/manufacture, through to installation and final commissioning.

Scope of Responsibilities:

- *Design, implementation, testing, and documentation of software for robotic devices (including real-time control, real-time communication, and user interfaces).*
- *Design the software architecture for mobile platform, and debug, test, integration, validation and deploy for mobile platform software system.*
- *Manipulator arm software and motion control system design, debug, and testing, etc.*

Accountabilities of the Position:

- *Delivery of the software motion control systems for mobile platform and manipulator arm.*
- *Delivery of design and technical report.*
- *Robotic system integration, testing and troubleshooting.*

Qualification & Skill:

- *Bachelor or master's degree in Computer Science or Engineering or equivalent.*
- *Extensive C/C++ programming experience.*
- *Experience with Visual Studio and Eclipse IDE.*
- *More than 5 year experience with real time software development.*
- *Extensive experience with various communication and field bus.*
- *Extensive embedded programming experience.*
- *Extensive LabVIEW programming experience.*
- *Extensive web server/client and point-to-point development experience.*
- *Extensive experience with vision data processing.*
- *Experience with device driver development.*
- *Experience with Java, JavaScript and PHP.*
- *Experience with script languages.*
- *Experience in WebRTC, Node.js and cloud development.*
- *Reading and understanding schematics.*
- *Experience with Micro-Controller Unit programming.*
- *Knowledge of software engineering, UML, etc.*
- *Experience with open-source software development.*



ANVIV Mechatronics Inc.

Company Profile:

ANVIV Mechatronics Inc. is developing AI-Embedded Robotic Products. As a ANVIV team member you will be working with curious and inquisitive people to develop AI systems for practical robot applications. You will work on designing, developing, training and deploying a variety of AI solutions onto a mobile robot and arm systems. Utilizing your technical skills. As a member of this start up company, your work will have an emphasis on robustness and real-world application. If you are interested in joining us, please submit your resume to: [John Wang \(john@anviv.com\)](mailto:John.Wang@anviv.com).

ANVIV Mechatronics Inc. welcomes all qualified candidates.