VUZIX®

Job Title: Senior Software Engineer (Android Platform Development)
Department: R&D – Software Engineering
Reports To: Director of Software Development
FLSA Status: Exempt

About Us

Founded in 1997, Vuzix (NASDAQ: VUZI) is a growing, dynamic company that specializes in the design, manufacture and sale of smart glasses and augmented reality (AR) technologies and products for the enterprise and consumer markets. Company products include wearable displays and computing devices that offer a portable, high-quality viewing experience for applications in augmented reality, digital information, utility, and entertainment.

Position Summary: As a Senior Software Engineer, you will be responsible for planning, designing, developing, and testing software solutions for our state of the art near eye monocular and binocular smart glasses. Our Software Engineering team deploys a custom Android OS to fully utilize the capabilities of our smart glasses while solving real-world problems. These smart glasses are essentially wearable Android smartphones and contain displays, cameras, microphones, sensors, Bluetooth, Wi-Fi chips and more.

You must be an energetic self-starter with a passionate interest in software engineering and design and must demonstrate effective interaction with a multidisciplinary team of highly experienced technical innovators, while delivering timely and high-quality software solutions that maximize the value of the unique glasses form factor. You must be comfortable in a rapid development and product commercialization environment where flexibility is key. Candidates should have unique talents and experience to elevate Vuzix software engineering and designs practices.

Essential Duties and Responsibilities:
- Design and estimate development effort for software projects based on customer requirements.
- Develop high quality software applications based on approved designs and requirements.
- Develop and troubleshoot operating system level solutions that hardware enable the application level features
- Generate complete system documentation and provide input to technical proposals to effectively communicate the design and/or approach to internal and external customers.
- Ensure proper procedures and methods are used by other members of the Software Engineering team by providing a value-add quality review.
- Provide guidance, direction, and mentorship for less experienced software engineers to increase our software development and design expertise within the team with an emphasis on performance, design optimization, re-use, and generating intellectual property.

- Communicate with customers, suppliers, and internal management as the technical expert on projects to effectively interface with all facets of decision-making personnel and customer management.
- Ensure successful transition of projects to full scale customer deployment, including assisting technical support in analysis of field issues reported by end customers.
- Vuzix will give preference to local Rochester candidates but will consider remote candidates for this position. Remote candidates will be required to travel to Rochester for specific events and other face-to-face team collaboration as deemed appropriate by their manager.

Competencies:
To perform this job successfully, an individual should demonstrate the following competencies:
- **Written Communication** – Read and interpret written information effectively, write clearly and concisely, adapt writing style for different audiences.
- **Verbal Communication** – Give focused attention to what others are saying, take time to understand what is being said and respond when appropriate without interrupting, speak clearly and effectively express ideas and opinions, adapt and react professionally in both positive or negative situations.
- **Teamwork & Collaboration** – Balance team and individual responsibilities, consider others' views objectively and with openness to changing your own, give and encourage feedback, contribute to a positive team dynamic, prioritize team success over personal interests, work effectively across departments toward company goals.
- **Professionalism** – Interact with others in a considerate manner, follow through on commitments, react well under pressure and preserve confidentiality, control emotions, and accept responsibility, maintain focus on solutions and treat others with respect and consideration regardless of their status or position.
- **Motivation & Initiative** – Demonstrate persistence and ability to adapt to changes in daily workflow and overcome obstacles, ask for and offer help when needed, work independently when required, volunteer readily and look for ways to improve and create successful outcomes, positively contribute to overall work environment.
- **Respect & Integrity** – Treat people with respect, work ethically and with honesty and integrity, inspire the trust of others, demonstrate appreciation and sensitivity for cultural differences, help promote inclusion and understanding of the value of diversity, embrace differences and support a harassment-free environment.

Minimum Qualifications:
- Bachelor's or Master's degree in Computer Science or equivalent
- 4+ years of experience developing robust commercial or enterprise software applications
- 6+ months experience in Android Platform development at the OS level
- 4+ years of experience as a member of an agile scrum team
- Experience using Android SDK, Android NDK, and Android Studio
- C++ and Java for Android

- Object-oriented programming skills demonstrated through relevant industry experience
- Proven design skills in a product development environment. Full product lifecycle experience is required
- Experience building and deploying software updates, patches, and bug fixes
- Experience with networking concepts
- Strong interpersonal and communication skills with the ability to solve problems, multi-task and be a hands-on leader

Preferred Qualifications:
- 3+ years' experience mentoring junior software engineers
- Team leadership experience
- UX design concepts
- Android Development Best Practices creation
- Vuforia Engine in Unity
- SLAM graphics processing
- Computer vision
- Artificial intelligence algorithms
- Bluetooth / BLE experience
- Speech Recognition experience / theory
- Firmware familiarity
- Qualcom chipset familiarity

Supervisory Responsibilities: No supervisory responsibilities

Travel: Negligible

Physical Demands:
- Frequently required to sit, speak, hear, see, and perform repetitive motion (data entry).
- Occasionally required to lift or carry (10 lb. minimum).
- Reasonable accommodations will be made if possible.

Other: All Vuzix personnel are required to have received an approved COVID-19 vaccine, subject to certain medical and religious accommodations.

Vuzix Corporation is an equal opportunity employer. We consider applicants without regard to race, color, religion, creed, gender, national origin, age, disability, marital or veteran status, or any other legally protected status. We are committed to recruiting and employing the best talent available.