

Lead / Senior Software Engineer - Android

Job Type: Full-Time

Employer: Phiar Technologies, Inc.

Location: Redwood City, CA; Remote is OK

Link: <http://www.phiar.net>

Contact: contact@phiar.net

Phiar's Mission and Vision

Mission: To enable every vehicle to have human-like perception capabilities.

Vision: To revolutionize how people navigate, interact, and experience the world.

Who We Are

We have developed the world's first AI-powered AR navigation platform for drivers, using our ultra-efficient Spatial-AI: road understanding deep learning AI and 3D localization that runs at the edge, in real time. We are a group of dedicated professionals formed out of Harvard and the Harvard Innovation Labs in 2017, bringing expertise in deep learning, computer vision, software optimization, and UX design. We are backed by multiple tier-1 mega VCs and Y Combinator, and we have just recently raised our Series A funding round that was led by State Farm Ventures. Now is the perfect time to join our core team and revolutionize how billions of people perceive and navigate the world!

Phiar In The News

Seed funding round media coverage (2018)

- [Techcrunch](#)
- [VentureBeat](#)
- [Newsweek](#)

Mobile application beta program media coverage (2020)

- [VentureBeat](#)
- [NextReality](#)

Panasonic - Phiar AR HUD partnership media coverage (2020 - 2021)

- [Panasonic North America](#)
- [Panasonic at CES 2021](#)
- [CNN Business](#)
- [Car and Driver](#)
- [CNET](#)

Additional media coverage on Phiar

- [WIRED](#)
- [Detroit Free Press](#)

Demo Videos

- [Phiar's AI-powered AR navigation](#)
- [Phiar's Spatial-AI engine's application concept](#)
- Phiar's ultra-efficient AI - real-time on mobile processors:
<https://youtu.be/9vFtvQYi-bQ>
<https://youtu.be/5uYedYGV-fM>
- [Panasonic's AR HUD, powered by Phiar's Spatial-AI Engine](#)

Who You Are

We are seeking a talented and experienced Lead/Senior Software Engineer in Android as a key hire to our team. You will own the Android platform-specific code base, from the Gradle build system to UI elements. You will also help optimize and integrate advanced algorithms implemented in native code (C++). You will be a key stakeholder in the architecture and packaging of our public SDKs and applications. You will also ensure our software works flawlessly on multiple hardware platforms, from mobile phones to development boards and real cars.

Qualifications

- Bachelors in Computer Science or other related field
- 5+ years of Android development experience
- Good proficiency with Kotlin, Java, Gradle and modern C++ (C++14 and above preferred)
- Deep knowledge of the Android SDK, NDK, and latest best practices
- Familiarity with Android IPC mechanisms
- Experience with Android frontend development

Proficient in one of the following topics

- AOSP custom builds
- 3D rendering (OpenGL, GLSL...)
- 3D game or AR/VR application development
- Performance and latency optimization

Bonus Points

- Experiences working with Android Automotive

Join Us!

Phiar is a leading AI and AR company with industry leading on-device mobile deep learning AI technologies. We offer competitive salaries, company stock options, company sponsored medical/dental/vision/chiro/life benefits, unlimited PTO, and we sponsor H1-B visas and green card applications. We are a group of passionate and fun loving people. Join us to build something amazing and let's change the world together!