



POSITION: DIRECTOR OF COMPUTER VISION AND MACHINE LEARNING (CVML)

LOCATION: MANCHESTER, NH OR LOS ANGELES, CA

WHO WE ARE

Acuant is a leading B2B provider of identity verification technology. We are revolutionizing the way consumers transact by allowing businesses to quickly and seamlessly identify who they are doing business on any platform while protecting both parties. Join a global team that works with leaders in all industries to deliver best in class technology.

Acuant's Trusted Identity Platform provides complete identity verification based on your level of risk so you can build your business with valid customers. Powered by AI for the highest speed and accuracy, omnichannel products enable seamless customer experiences to increase conversions in the digital economy. Scalable, secure and compliant (KYC, AML & GDPR), Acuant allows businesses to establish trusted identities from any location in seconds. www.acuant.com

WHAT WE LOOK FOR

We have an exciting opportunity on a strong leader with exceptional leadership, development, and research skills in the field of computer vision, machine learning, and deep learning.

The Director of Deep Learning will take an active, hands-on role in design, development, planning, and managing individual developers within the technical team. Qualified candidates will be driven self-starters, robust thinkers, strong collaborators, effective leaders, and adept at operating in a highly dynamic environment.

He/she should have deep experience in the fields of computer vision, machine learning, and deep learning. In addition, the ideal candidate will have experience in a technical leadership role and can drive both the vision and team.

WHAT YOU BE RESPONSIBLE FOR

This role will have responsibility in several areas.

1. He/she will be primarily responsible for leading the research and development of multiple projects requiring collaboration with multiple groups in the US and abroad. They will own the CVML function providing group direction, interfacing with engineering and product.
 - a. Lead the research and development effort of advanced product-critical deep learning components covering key product critical features.
 - b. Drive computer vision and machine learning vision and strategy within the organization
 - c. Take projects from concept to proof-of-concept to productization.

2. He/she will serve as Technical Architect and Lead Contributor for CVML in its presentation and cross platform integration to mobile, web services while moving the needle in terms of integrating newer technologies from scratch using machine learning and ai.
 - a. Work with product to define the CVML roadmap and be responsible for execution and delivery.
 - b. Work hand-in-hand with the key stakeholders and developers across the company using computer vision and machine learning.
3. He/she will be working closely with the executive team to establish the scope and schedule of the product critical projects, driving the formation of technical teams and ensuring a cohesive alignment of all essential technical expertise by setting optimal communication strategies.
 - a. Actively contribute to the organizations' development of new and innovative intellectual property.
 - b. Act as a subject matter expert for the organization, both internally and externally, potentially participating in conferences as a representative of Acuant.
4. He/she will be responsible for mentoring, developing, and growing the CVML group.
 - a. Provide leadership and mentoring to the CVML research and development team.
 - b. Write maintainable, reusable code, leveraging test-driven principles to develop high quality deep learning modules.

Qualifications

- 4+ years of Deep Learning experience and 10+ years of computer vision experience targeted to product development
- MS in Computer Science or Electrical Engineering with at least 10 years' work experience
- Experience leading engineering teams from first concept to ship
- Technical: Cross-Platform Software Architecture, Computer Vision, Machine Learning
- Programming: C, C++, Python
- C++ Frameworks: CppUnitTest, STL, Boost, SpdLog
- Dev Tools: Git, Jenkins, Confluence, Jira, Visual Studio C++, Jupyter, VS Code
- CVML Packages: OpenCV, Numpy, Pandas, SciKit, Pytorch, Tensorflow
- Operating Systems: Windows, Android, iOS, Web Assembly, Linux

HOW WE VALUE OUR EMPLOYEES

- You will always be heard, decisions are collaborative
- Competitive compensation
- Challenging and rewarding work
- Generous benefits package
- Work with an incredible team of smart and mission-driven people