



## VOUTILAINEN JUHA

Patent Attorney

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Juha Voutilainen is a registered patent attorney at Papula-Nevinpat.

Before entering a career in IP, Juha worked as a researcher in nanoelectronics and has published several scientific articles in nanotechnology.

Juha started his IP career in 2013 as a patent examiner at the Finnish Patent and Registration Office, where he examined patent applications relating to information technology, mechanics and medical technology. He also worked as a part-time consulting engineer at the Office, advising clients in questions concerning patents and utility models.

Juha joined Papula-Nevinpat in 2016. His duties include drafting patent applications, prosecuting patents and advising clients in their patenting questions.

### Technical fields

Artificial intelligence  
Automation  
Computational engineering  
Construction engineering  
Electrical engineering  
Electronics  
IT and software  
Material science  
Measuring technology  
Mechanics  
Medical engineering  
Nanotechnology  
Optics  
Physics  
Power systems  
Telecommunications and ICT

### Languages

Finnish, English (Swedish, Russian, German, French)

### Education

Master of Science (Technology), Materials physics, Helsinki University of Technology, 2007,  
Doctor of Science (Technology), Theoretical and computational physics, Aalto University, 2012

### Core expertise

Automation processes and programming, Carbon nanotubes, Diffractive optics, General electrical engineering, Graphene, Imaging, Industrial automation, Infrared imaging, Light detectors, Machine automation, Machine learning, Material handling systems, Medical devices, Medical electronics, Medical software, MEMS, Microelectronics, Mobile work equipment, Nanoelectronics, Nanostructures, Networks, Optics, Power transmission, Quantum computers, Quantum machines, Sensors, Software, Solar cells, Superconductors, Wearable electronics, Wearable or implantable electronics