

# John Lee

New Media Artist and Software Developer

+ (358) 46 528 7808    

## SKILLS

C, C++, C#, Objective-C, Swift, JavaScript, React, React Native  
Unity 3D, Processing, openFrameworks, OpenCV  
Design Software Architecture, Physical Computing  
Design & Implementation of Interactive Media Art installation

## EDUCATION

**MA/New Media Design and Production**

Aalto University, Finland  
2017 - 2020

**M.Eng/Convergence Content Production**

Dongguk University, South Korea  
2014 - 2016

**Introduction to Computational Arts**

Coursera Verified Certificates  
2014

**B.Eng/ Computer and Information Science**

Korea Digital University, South Korea  
2002 - 2007

## PUBLICATION

**Tangible Visualization Table for Intuitive Data Symmetry** MDPI, 14 Dec 2017, [View](#)

**Hand Tracking Based Projection Mapping System and Applications** J. of KCGS, 27 Jun 2016 [View](#)

## TEACHING

Coding Clinic, Aalto University Finland, Oct 2019 - Dec 2019

Internet Technologies and Techniques, Aalto University Finland, Nov 2019 - Dec 2019

## EXPERIENCE

<b>Thermo Fisher Scientific</b> Senior Software Engineer	Finland C++, C#	2019 - Present Developed and enhanced the Lab automation software
<b>AppStars</b> Architect	South Korea Objective-C	Apr 2010 - Feb 2016 Design system architecture and implement various apps
<b>Trient Technologies</b> Senior Software Developer	South Korea, Canada C#, Pro*C	Sep 2006 - Mar 2010 Implemented FDC (Fault Detection and Classification) System
<b>Nippo</b> Senior Software Developer	Japan C#	Dec 2005 - Sep 2006 Implemented and system design FDC Design for a semiconduction fab
<b>Silicon and Systems</b> Senior Software Developer	South Korea C++	Sep 2001 - Feb 2003 Designed software architecture for automated AFM (Atomic Force Microscopy) and Implemented equipment control software in Borland C++ builder
<b>Nanometrics</b> Senior Software Developer	South Korea C++	Dec 1999 - Sep 2001 Developed software for wafer metrology equipment and experienced with Secs/Gem (Semiconductor's equipment interface protocol)
<b>Mirero System</b> Junior Software Developer	South Korea Object Pascal	Sep 1996 - Feb 1998 Developed SEM (Scanning Electron Microscope) image management system

## EXHIBITION

<b>Helsinki Children's Hospital Installation (Group)</b> Helsinki, Finland	<a href="https://youtu.be/FRKkW-">https://youtu.be/FRKkW-</a>	18 Aug 2018 - Present <a href="https://youtu.be/KFxfdGaw-">https://youtu.be/KFxfdGaw-</a>
<b>When Light Echoes (Group)</b> Interactive installation exhibition, Seoul, South Korea		26 May 2019 - 31 May 2019 <a href="https://youtu.be/KFxfdGaw-">https://youtu.be/KFxfdGaw-</a>
<b>Seeing Sound, Listening to Image (Solo)</b> Sound visualization exhibition, Väre gallery V1 Aalto University, Finland		23 Feb 2019 - 03 Mar 2019 <a href="https://youtu.be/KFxfdGaw-">https://youtu.be/KFxfdGaw-</a>
<b>Drawing Machine (Solo)</b> Digital fabrication exhibition, IDAS Hong-Ik University, Seoul, South Korea		25 May 2017 - 31 May 2017 <a href="https://youtu.be/KFxfdGaw-">https://youtu.be/KFxfdGaw-</a>