

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

Thermo Fisher Scientific Senior Software Engineer	Finland C++, C#	2019 - Present Developed and enhanced the Lab automation software
AppStars Architect	South Korea Objective-C	Apr 2010 - Feb 2016 Design system architecture and implement various apps
Trient Technologies Senior Software Developer	South Korea, Canada C#, Pro*C	Sep 2006 - Mar 2010 Implemented FDC (Fault Detection and Classification) System
Nippo Senior Software Developer	Japan C#	Dec 2005 - Sep 2006 Implemented and system design FDC Design for a semiconduction fab
Silicon and Systems 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
Nanometrics 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)
Mirero System Junior Software Developer	South Korea Object Pascal	Sep 1996 - Feb 1998 Developed SEM (Scanning Electron Microscope) image management system

EXHIBITION

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