**RÉSUMÉ**

**Jongpil Jeong**

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**EDUCATION**

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| Apr.2024 ~  Expected Mar.2026  Mar.2018 ~  Feb.2024 | **Kyushu Institute of Technology Graduate school of computer science and systems engineering**  major: Creative Informatics  grades: 3.2/4.0  **Dong-A University**  major: Electronics engineering  grades: 3.91/4.5  degree: Bachelor of engineering in electronics engineering |  |

**RESEARCH EXPERIENCES**

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| 2024.01~03  2023.07~08  2023.01~02  2022.09 ~ 2023.07 | **Short-term visiting Program in Hankyong National University (Advisor: Prof. Myungjin Cho)**   * Research topic: Integral imaging system for 3D reconstruction   **Short-term visiting Program in Kyushu Institute of Technology (Advisor: Prof. Min-Chul Lee)**   * Research topic: Diagnose disease system using digital holographic microscopy   **Short-term visiting Program in Kyushu Institute of Technology (Advisor: Prof. Min-Chul Lee)**   * Research topic: Noize reduction using digital holographic microscopy   **Research course at SoC design Lab (Advisor: Prof. Bongsoon Kang)**   * Research topic: Real-time image processing |

**RESEARCH INTEREST**

* Signal and image processing
* Digital holographic microscopy
* 3D imaging systems
* Deep learning and machine learning

**Journal**

* **Jongpil Jeong** and Min-Chul Lee, “Scattering Medium Removal Using Adaptive Masks for Scatter in the Spatial Frequency Domain”, IEEE Access (Submitted)

**International Conference**

* Taishi Ono, **Jongpil Jeong**, Hyun-Woo Kim, Myungjin Cho, Min-Chul Lee, “Kalman filtering optimization in Digital Holographic Microscopy (DHM)”, ICCAS 2024, IEEE (Published)
* **Jongpil Jeong**, Hyun-woo Kim, Myungjin Cho, Min-Chul Lee, “A study of noise reduction algorithm using statistical optimization in digital holographic microscopy”, JCSSE 2024, IEEE (Published)

**Patents**

* Min-Chul Lee and **Jongpil Jeong**, “画像処理装置、画像処理方法および画像処理プログラム”, Japanese Patents 特願 2024-214715. (Not publicly accessible at this time due to confidentiality under Japan patent law.)

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**AWARDS AND HONORS**

Exemption from tuition fees from Kyushu Institute of Technology

* 2024, 2nd semester
* 2024, 1st semester

Academic Excellence Scholarship from Dong-A University

* 2023, 1st/2nd semester
* 2022, 2nd semester
* 2021, 2nd semester
* 2018, 2nd semester

Advisory Professor Scholarship from Dong-A University

* 2022, 2nd semester

Undergraduate Education Assistant Scholarship from Dong-A University

* 2023, 1st semester
* 2022, 2nd semester

**CERTIFICATION**

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| 2024.02.15  2023.03.26 | EFSET English certification B2  TOEIC 630 (Registration number:135235) |

**EXPERIENCES AND LEADERSHIPS**

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| 2020.12  ~2022.02 | President of Dong-A Ping-Pong Association (DAPPA) |