

SUNGDEUK (LEON) CHUN

(0430) 774 284 ssimba1203@gmail.com www.linkedin.com/in/sungdeuk-chun

EDUCATION

University of Canterbury

Master of Human Interface Technology

Christchurch, New Zealand

Oct 2022

- THESIS : Using Augmented Reality for real-time feedback to enhance the execution of the squat
- Graduated with Distinction
- Volunteer information assistance for IEEE Virtual Reality Conference in 2021

University of Canterbury

Bachelor of Engineering in Mechanical Engineering minor in Biomedical

Christchurch, New Zealand

Apr 2021

- Final Year Project : RPB In-Helmet Noise Reduction
- Graduated with Second Class Honours (Division One)
- Vice president in KSOC (Korea Society)

WORK EXPERIENCE

[Maro Co., Ltd.]

[Project Manager]

Seongnam-si, South Korea

Feb 2025 – Sep 2025

- Identified and secured factory sites in India for industrial fabric manufacturing through on-site evaluations, partner negotiations, and engineering-based layout planning.
- Streamlined machine procurement by coordinating orders with overseas companies and overseeing machine setup through international ports according to specifications.
- Earned Certificate in Fabric Manufacturing, strengthening technical expertise in fabric production processes.

[SuperBin]

[Mechanical Design Engineer]

Seongnam-si, South Korea

Oct 2023 – Feb 2025

- Designed and manufactured a V-shaped conveyor belt system
- Designed and installed flattening devices at over 10 locations, improving product storage capacity by 13~17%.
- Led the internalisation of a 1,000-part large assembly process, enhancing production and assembly workflows.
- Developed new product versions by modifying existing models and creating detailed technical drawings.
- Produced 3D printed mock-ups for prototyping, including motor-driven mechanisms and custom conveyor guides.
- Collaborated with external manufacturers, conducted on-site installations

[Dotmar Engineering Plastic]

[Mechanical Workshop labourer]

Christchurch, New Zealand

Jul 2020 – Nov 2021

- Executing the final steps of the plastic parts manufacturing process (deburring, drilling, and routing)
- Learned to adapt the manufacturing process according to the complexity of the desired product
- Maintenance of the work machines
- Adapted design features of the part to optimize manufacturing time and cost

[University of Canterbury]

[Intern]

Christchurch, New Zealand

Nov 2020 – Feb 2021

- Utilised 3D bio-printers and determined the optimal parameter settings to attain the utmost shape accuracy.
- Documented the procedures for printer installation and the printing process for the next researcher.
- Gave a presentation at a conference showcasing my findings and results.
- Designed and manufactured a photo backdrop that helps measure printings in a consistent condition

SKILLS / INTERESTS

- Language Skills - Korean (Native), English (Fluent)
- Technical Skills - SolidWorks (Sheet Metal), 3D Printing, MATLAB, C#, Unity
- Completed Full Marathon, 600km cross-country, 400km+ cycling, bodybuilding competition, Black belt Karate