Clint J. Campbell

+34 653 35 73 33
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www.linkedin.com/in/clintjcampbell

MECH SOLUTIONS

Seasoned Senior Mechatronics and Mixed Reality Engineer with expertise in AR/XR interactive experiences. With a history of spearheading innovative projects, I am poised to contribute significantly to your mixed reality projects. I invite you to look at my LinkedIn projects list for further evidence of my ability to bring your projects to fruition.

Skills

• **Technologies:** Mixed Reality, Full Stack Development, Meta Shared Spatial Anchors, C#, Python, Unity, robotics, embedded devices, electrical circuit design
• **Headsets:** Meta Quest line, HTC Vive Focus 3, Hololens 2, Vive Trackers
• **Languages:** English (Native), Japanese (Professional Working), Spanish (beginner level), French (beginner level)
• **Certifications:** Certified Vision Professional - Advanced Certification

Professional Experience

XR Mech Solutions – Remote
Lead Mixed Reality and Robotics Developer | August 2023 - Present
• Engineered transformative software tailored to diverse client needs, with a focus on healthcare, education, and metaverse applications.
• Mastered seamless integration of multifaceted systems, significantly enhancing client satisfaction and project outcomes.

Ong Innovations – Tukwila, Washington, USA
Senior Mechatronics and XR Engineer | May 2021 - Present
• Spearheaded the development and implementation of custom tools to enhance VR alignment systems, elevating user experience and safety.
• Gained extensive hands-on experience with HTC Vive tracking systems and several commercial headsets, contributing to the success of the "LimitlessVR" product, which received the IAAPA 2022 Brass Ring Award for Best New Product.
•Implemented medical image viewing tool to customers requirements and helped document application, create test plans and coordinated user testing for FAA application.

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The Boeing Company – Auburn, WA, USA
Materials/Structures/Assembly Engineer R&D | June 2018 - May 2021
• Innovated in tube bending and manufacture processes, optimizing factory operations.
•Researched and tested a new aluminum stringer heat treat processes and patented process.
•HTC Vive Tracker tool tracking for process monitoring for quality assurance team

Programmer/Analyst Robotics: Boeing | June 2013 - June 2018
• Managed ABB RobotStudio and FANUC RoboGuide OLP software, facilitating enhanced automation and robotics operations across the floor.

National Renewable Energy Laboratory – Golden, Colorado, USA
Energy Analyst | February 2012 - January 2013
• Conducted land use and economic feasibility studies for renewable energy projects, contributing to the publication of technical papers.

Education
• **Master of Science (M.S.), Mechanical Engineering** – Colorado School of Mines (2011 - 2012)
• **Bachelor of Science (B.S.), Physics** – University of Puget Sound (2007 - 2009)

Publications
• Land Use for Wind, Solar, and Geothermal Electricity Generation Facilities in the United States
• Land Use Requirements of Solar Power Plants in the United States
• Impacts of Commercial Electric Utility Rate Structure Elements on the Economics of Photovoltaic Systems

Patents
• Interim temper process