

WEN CHI CHEN

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AUTOBIOGRAPHY

My name is Wen Chi Chen, and I am passionate about photonics and optical engineering. I hold a master's degree in photonics and a bachelor of electric engineering from National Tsing Hua University, with expertise in laser systems, optical simulations, and THz technology.

During my master's research, I studied solid-state laser cavities. I also worked on the fabrication of etalon for wavelength filtering and cavity ring-down experiments for precise reflectivity measurements. My simulation work using COMSOL and CST provided insights into metasurfaces for THz radiation.

Proficient in optical simulation and 3D modeling software such as Zemax, COMSOL Multiphysics, SolidWorks, and AutoCAD, I can tackle complex optical engineering challenges. Additionally, my programming skills in Matlab, LabVIEW, C++, and Python support further applications.

During my undergraduate years, I dedicated a significant amount of time to extracurricular activities, particularly as a member of the NTHU baseball team. While this commitment enriched my teamwork and leadership skills, it also impacted my academic performance. Realizing the importance of a technical foundation, I am now making the most of every opportunity to learn and strengthen my knowledge. Currently, I am reviewing basic electric engineering concepts to solidify my technical understanding. I am eager to continuously expand my knowledge, applying it effectively to enhance my future performance in the workplace.

While I may be new to this field, I am confident that my qualifications align with the requirements outlined in your advertisement. First, my knowledge and experience provide a strong foundation to support this role. Third, my participation in extracurricular activities has strengthened my teamwork and interpersonal skills. These qualities equip me with the ability to contribute meaningfully to a global company.