




Eric Lu

13 years of mechanical engineering working experience, from smart phone to Automotive product. Now designing Automotive electronics product for GARMIN oversea market.

in | 0921076195 | eatrol@gmail.com


Working experience

- **2013 - Now**

GARMIN Corporations
Senior Mechanical Engineer


Design and develop the Automotive electronics product. Co-work with TOYOTA, HONDA and NISSAN to develop the infotainment system.

 - Product mechanical design. TP/Display, plastic, bracket and PCBA Integration.
 - Assembly concept and tolerance analysis.
 - Tooling development for plastic and sheetmetal.
 - Capability to Co-work with EE for PCBA design.
 - Thermal simulation, measurement and strategy.
 - Co-work with FEA team for vibration and stress analysis.
 - Product issue failure analysis and correct action
 - Car fitting and integration.
 - Accessory development (Cable, GPS antenna, MIC)
- **2009 - 2013**

Compal Communications
Senior Mechanical Engineer COMPAL

Responsible for cell phone design for Nokia. Main accomplishment is Lumia 800 and Lumia 505.

 - Familiar with smartphone design and manufacture process
 - PCBA, Antenna, FPC design
 - Familiar with glass manufacture process
- **2009**

Chenming Mold Industrial
Mechanical Engineer

Laptop Hinge design and manufacture process

Education

- **2005 - 2007**

National Chiao Tung University
Master in mechanical engineering
- **2001 - 2005**

Tamkang University.
Bachelor in aerospace engineering

Tool

CAD
FEA

Solidworks | CATIA | Creo | AutoCad | Fusion360
Flow Simulation | Solidworks Simulation