

## Experience

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**Hyundai Mobis** – Ontario, CA

**June 2019 - May 2021**

*Software Quality Engineer*

- Supported the improvement of 18 prototype vehicles and collaborated in identifying/analyzing over 350 bugs in the software of Multimedia and ADAS systems.
- Ensured proper implementation of specifications in the software of Multimedia and ADAS.
- Recorded and analyzed vehicle signals for ADAS testing using CANoe and other analysis software.
- Designed test cases, setup procedures and test equipment that allows others to execute tests successfully.
- Automated checklist counts and created detailed reports daily and weekly.
- Supported 12 audits for the software of Multimedia systems.
- Tested complex software systems to advance hardware design, software design, and system integration.
- Supported new model activities by providing analysis of ADAS system performance.

**Meritek Electronics** – Baldwin Park, CA

**December 2018 – June 2019**

*Component Engineer*

- Create/Validated Datasheets for electronic components.
- Tested sample components.
- Sorted thousands of data using Microsoft Excel and Word
- Attended weekly meetings.

## Education

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**University of California, Irvine** – Irvine, CA

**Graduated 2018**

*Bachelor of Science, Physics Engineering (concentration in Electrical Engineering)*

## Skills & Proficiencies

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- Language: Proficient in German and Vietnamese. Intermediate in Spanish.
- Computer: Matlab, Mathematica, C++, Arduino, Python, HTML, PSPICE, LabView, Microsoft Office, JIRA, CANoe, Radar analysis tools, Adobe CC, Github
- Laboratory: Oscilloscope, DAQ, Waveform Generators, Reading Electrical schematics, Soldering, Digital Multi-meter, Writing reports, Analyzing Data
- Able to troubleshoot and diagnose problems using diagnostic tools.
- Self-motivated, well organized, flexible; work well with complex issues, positive attitude and strong work ethic.
- Ability to communicate complex ideas succinctly and persuasively to peers, management and customers.
- Well understanding of fundamental physics theories and Engineering concepts.
- Strong analytic and problem-solving skills.
- Experience testing sensing system, mainly ADAS.
- Strong knowledge on the phases of the Software Development Life Cycle.

## References

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Supervisor, Hyundai Mobis

**Tuan Lam** – (926)560-5484

*Electrical Engineering Associate, Department of Water and Power*

**Ruby Resendez** – (323)695-0448

*Associate Engineer, SoCal Gas*