

Maximillian Sehic

661-607-2134
maxsehic@gmail.com
<https://portfolio.com/MaxSehic>
<https://www.linkedin.com/in/maxsehic/>

Experience

Onsight LLC Comic Crafter/ Generalist, Layout, Lighting, Compositing

JUNE 2021 - FEBRUARY 2022

- Generated numerous digital sets, created over 100 animation layouts, designed lighting systems, and digitally composited each of these scenes, all accomplished using Blender.
- Several of these projects reached over 1 million views on YouTube, with one notable video reaching over 14 million views.

UPS / Loader

JULY 2021 - NOVEMBER 2021

- Scanned and loaded over 1,000 packages a day into shipping trucks in a warehouse facility with a 0.02% error rate.

Acoustic Analysis/ Research

OCTOBER 2022 - PRESENT

- Simulated tens of exhaust systems using ANSYS, where I analyzed and simulated the transmission losses for each of these systems.
- Performed a comparison between the predicted transmission loss of a muffler section and its real-world performance.

Bureau of Automotive Repair Engine Change/ Project

FEBRUARY 2023 - MAY 2023

- Interpreted the BAR engine change requirements and standards and generated a plan for completing and complying with the BAR engine change process.
- Authored 3 reports detailing the engine change process, aimed at sharing with others to include comprehensive information about making a BAR-certified engine change.
- Completed the first BAR-certified engine change with a 2AR-FE from a 2014 Scion tC into a 1991 Toyota MR2 in 4 months.

Ford Bronco Restoration/ Project

MAY 2022 - PRESENT

- Reviving a Ford Bronco shell, restoring it to a functional state, and integrating modern technologies to breathe new life into it.

FSAE/ Volunteer

MAY 2022 - PRESENT

- Advised team members on exhaust wave tuning theory, engine tuning theory, engine operation, welding, mechatronics, and electronics.

CSUN Climbing Club / Club

JANUARY 2019 - MAY 2021

- Served as the president of the club, guiding newcomers to the sport through weekly practices and instructional sessions focused on climbing techniques.

Education

Cal State University Northridge / Mechanical Engineering
AUGUST 2018 - PRESENT, NORTHRIDGE, CA