# James Dylan

SYSTEMS ENGINEER

## Summary

I have been experiencing as a system engineer in the global automotive company for over one year.

My career goals are; Achieving career opportunities that parallel my educational background and my industrial experiences. I want to contribute to humanity for a more livable world by developing my engineering skills, as well as research and development on power electronics, electrical engines, and engine control.

## Skills

| Skill | Level | Skill | Level |
|-------|-------|-------|-------|
| Matlab | ■■■■□ | ETAS INCA | ■■□□□ |
| C | ■■■■□ | ClearCase | ■■■□□ |
| Simulink | ■■■■□ | ClearQuest | ■■■□□ |
| Vector CANalyzer | ■■■■□ | JIRA | ■■■■□ |
| CANoe | ■■■■□ | Microsoft Office | ■■■■□ |
| LabVIEW | ■■■□□ | Understand | ■■□□□ |

## Experience

### Systems Engineer

**Dowon Technology**  *Nov 2018 - Present*

-Designing control algorithms and models (using Matlab Simulink) for vehicle / engine / ECU diagnostics and CAN communications.
-Creating test specifications and test cases to validate customer requirement.

### Intern Electrical and Electronic Engineer

**EPAM Tech**  *Jul 2018 - Aug 2018*

Experienced on maintenance, repair, backup and troubleshooting activities in electrical and automation systems.
Have knowledge of PLC, Inverter and AC/ DC engines.
Factory environment and what should be the responsibilities.

### Intern Software Engineer

**Delta Tech**  *Jun 2016 - Jul 2016*

I have worked in the software development department, I supported the team on finding and fixing Logo J-Guar typos in ERP solutions. I also experienced on Unit-Test using Java on Eclipse

## Education

### Electrical and Electronic Engineering

**The University of Texas at Dallas**  *Sep 2013 - Aug 2018*

Algorithm & Programming, Control Systems, Energy Conversion, Power Electronics, Power Systems Analysis

## Contact

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◎ Austin, Texas

in https://www.linkedin.com/james

## Languages

| Language | Level |
|----------|-------|
| English | ■■■■■ |
| Turkish | ■■■■■ |
| Arabic | ■■■□□ |
| German | ■□□□□ |

## Personal Skills

- Teamwork
- Hard-Working
- Disciplined Worker
- Ambitious
- Quick Learner

## Certification

**GoodWe Solar Academy Training**
**GoodWe Solar Academy**

**Telecommunication Networks Knowledge Junior Certification Program**
**Alcatel-Lucent**

**Solar Energy, Heat Pump and Photovoltaic**
**Solimpeks Solar Corp**

# Projects

**Design of LLC Resonant DC**
**Final Year Project**
The purpose of this project is to present analysis and design consideration for DC-DC LLC resonant converter with half-bridge inverter and implement this DC-DC LLC resonant converter with an integrated transformer. In the first semester, the project was simulated using MatLab Simulink.
Finally, Project was implemented on the PCB and there also used DSP C2000 Series for generating the PWM signals.

**PBA Diesel Engines Project**
**System Engineer**  *Nov 2018 - Jan 2019*
Systems modelling using Matlab/Simulink

Validation & Verification Activities based on requirement analysis.

**AMC BS6 Project**
**Systems Engineer**  *Jan 2019 - Oct 2019*
Validation & Verification Activities

Mostly experienced in UDS and CAN tasks
Clearcase, Vector CANAlyzer, JIRA were widely used.

**PSA Gasoline Engines Project**
**System Test Engineer**  *Oct 2019 - Present*
Validation & Verification Activities

# Volunteer Experience

**Intern - Antakya Energy Engineering Project**
Have participated in projects which include;
-Designing of electrical panel with AutoCAD,
-Testing of the panels
-Management
-Mount of panels
Antakya Energy has also contributed to me the understanding of electrical materials.