



# LUCA SONCIN

## PYTHON - SQL

Highly skilled mechanical design engineer with ten years at prestigious companies across Europe. I know, among other things, how to work with business processes and methodologies, conduct analyses, define my own workflow, benefit from adaptability and empathy, committing to team collaboration, and working with an analytical and problem-solving mindset. In addition to that, I have taken several development courses and taught myself Python and SQL along with the latest practices and software for my transition to a data engineer role.

### SKILLS:

- Python 3 (NumPy, Pandas)
- SQL
- PyCharm
- MySQL Workbench 8.0
- Visual Studio Code
- GIT / Github
- MS Office
- Agile methodology (Jira)
- Team comms (Teams, Slack, Zoom)

### UNDERSTANDING OF:

- Database concepts
- Data pipelines
- ETL/ELT processes
- DevOps (CI/CD)
- APIs
- Data visualization
- Cloud platforms (mainly AWS)
- Data warehouses/lakes
- Infrastructure tools

### ATTITUDE:

- Commitment to meet deadlines
- Highly numerical and analytical approach
- Proactive and can-do attitude
- Capability to take ownership and responsibility of own work
- Capability of communicating with company's personnel at all levels
- Compliance with company and industry standards
- Team leading (whether needed)
- Ability to host meetings
- Strong personal drive
- Enjoy working with data

### EXPERIENCE:

- Feb. 2022 - Present
  - Career transition from Mechanical Design Engineer to Data Engineer
- Jun. 2021 - Feb. 2022
  - Senior Design, Research & Development Engineer at Koenigsegg Automotive, SE
- Dec. 2020 - May. 2021
  - Product Design, Research & Development and Manufacturing Engineer at NTT Data, IT
- Jan. 2020 - Oct. 2020
  - Senior Mechanical Design Engineer at Gordon Murray Design, UK
- Jan. 2019 - Oct. 2019
  - Design and Development Engineer at Jaguar Land Rover, UK
- Aug. 2017 - Dec. 2018
  - Mechanical Design Engineer at SM Engineering, IT
- Jan. 2014 - Jul. 2017
  - Mechanical Design Team Supervisor & Lead at BE Design, IT
- Jan. 2012 - Dec. 2014
  - Mechanical Design Engineer at Bertone, IT

### EDUCATION:

- English
- Italian
- Spanish (B1)
- 2012: Professional Qualification as Mechanical Designer
- 2007-2008: Classes at the Psychological Sciences University & at Foreign Languages and Literatures University
- 2006: Scientific High School (A-level) Diploma

## EXPERIENCE (detailed):

- *Koenigsegg Automotive, Angelholm, SE (Jun. 2021 - Feb. 2022):*
  - *Project:* Koenigsegg Jesko (sport car limited number production)
  - *Role:* Senior Design, Research & Development Engineer
  - *Main function:* Deliver ready-for-production vehicle components.
  - *Responsibilities:*
    - grant full ownership of certain vehicle components;
    - develop and maintain component database (on excel spreadsheet);
    - scout and liaise with international suppliers;
    - host meetings and coordinate work between different departments;
    - assist other departments with analysis and documentation;
    - comply with company and industry standards;
    - plan timing and costs.
  
- *NTT Data, Milan, IT (Dec. 2020 - May. 2021):*
  - *Project:* Vespa Piaggio (Electric scooter prototype)
  - *Role:* Product Design, Research & Development and Manufacturing Engineer
  - *Main function:* Design a mechanical prototype with embedded electronic components.
  - *Responsibilities:*
    - liaise with international suppliers; host meetings with different departments;
    - assure manufacturing quality and standards;
    - launch prototype tests;
    - integrate cross-functionality assignments,
    - projects and deliveries; develop pre-project information.
  
- *Gordon Murray Design, Guildford, UK (Jan. 2020 - Oct. 2020):*
  - *Project:* Gordon Murray's T.50 (ultra lightweight sport car production)
  - *Role:* Senior Mechanical Design Engineer
  - *Main function:* Deliver 3D models with manufacturing readiness.
  - *Responsibilities:*
    - engineer a whole system via 3D tools;
    - liaise with suppliers and different departments;
    - develop and maintain components database (on excel spreadsheet);
    - deliver final files into database and systems.
  
- *Jaguar Land Rover, Coventry, UK (Jan. 2019 - Oct. 2019):*
  - *Project:* Jaguar E-Type Zero (classic sport car restoration)
  - *Role:* Design and Development Engineer
  - *Main function:* Re-design and develop a mechanical prototype on existing structure.
  - *Responsibilities:*
    - grant full ownership of the project from the Mechanical position;
    - develop and maintain components database (on excel spreadsheet);
    - scout and liaise with international suppliers;
    - host meetings with different departments;
    - assist other departments with analysis and documentation;
    - comply with company and industry standards;
    - produce new design ideas.
  
- *SM Engineering, Turin, IT (Aug. 2017 - Dec. 2018):*
  - *Project:* Various (Yamaha, Volkswagen, Nissan)
  - *Role:* Mechanical Design Engineer
  - *Main function:* Deliver 3D models with manufacturing readiness.
  - *Responsibilities:*
    - engineer whole systems via 3D tools;
    - liaise with suppliers and different departments;
    - maintain components database (on excel spreadsheet);
    - file name creation and organization;
    - deliver final files into database and systems.

## EXPERIENCE (detailed):

- *SM Engineering, Turin, IT (Aug. 2017 - Dec. 2018):*
  - *Project:* Various (Yamaha, Volkswagen, Nissan)
  - *Role:* Mechanical Design Engineer
  - *Main function:* Deliver 3D models with manufacturing readiness.
  - *Responsibilities:*
    - engineer whole systems via 3D tools;
    - liaise with suppliers and different departments;
    - maintain components database (on excel spreadsheet);
    - file name creation and organization;
    - deliver final files into database and systems.
  
- *BE Design, Turin, IT (Jan. 2014 - Jul. 2017):*
  - *Project:* Various (Mahindra, Alfa Romeo, Thunder Power, Be's electric vehicles)
  - *Role:* Mechanical Design Engineer and Team Supervisor & Lead
  - *Main function:* Deliver 3D models with manufacturing readiness / Guide and supervise Junior team.
  - *Responsibilities:*
    - engineer whole systems via 3D tools;
    - liaise with suppliers and different departments;
    - maintain components database (on excel spreadsheet);
    - file name creation and organization;
    - deliver final files into database and systems;
    - supervise, guide and teach a junior team; develop a whole vehicle from scratch.
  
- *Bertone, Turin, IT (Jan. 2012 - Dec. 2014):*
  - *Project:* Koenigsegg Jesko (sport car limited number production)
  - *Role:* Mechanical Design Engineer
  - *Main function:* Deliver 3D models with manufacturing readiness.
  - *Responsibilities:*
    - engineer whole systems via 3D tools;
    - liaise with suppliers and different departments;
    - maintain components database (on excel spreadsheet);
    - deliver final files into database and systems.