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MECHANICAL DESIGN ENGINEER– HARDWORKER – CREATIVE – ORGANIZED –
14 YEARS EXPERIENCE IN INDUSTRIES (10 YEARS IN AEROSPACE)

Professional experiences

2020/…: Mechanical design engineer, expert in mechanism development • **JET Aviation** (68-France) • Design

2019/2020: 20 months • Job as subcontractor (AKKA) • **JET Aviation** (68-France) • Design and drawing

2018/2019 : Mechanical design engineer freelance • VYCONCEPT • Habsheim (68-France) • Creation of the e-commerce website www.bricolo-rigolo.com, design of 30 cardboard toys and guides to realize them.

2013/2017: 5 years • Job • **AMAC Aerospace** • Saint-Louis (68-France)
Boeing 747-8: Drawing of all bulkheads and doors for the complete aircraft
Airbus A319: Estimating of weight and balance for the whole cabin
Airbus A319: Development of a helping tool for decompression calculation (with VBA in Excel)
Airbus A319: Tester on CATIA V6. Design cabinets, armrests and divans cushions in 3D
Airbus A320: In charge of all seats and divans (from A to Z). layouts, setting, contact with suppliers, animation of
    meetings to define cabinet and upholstery, receive goods, inspection, follow up prototype phases, production and final
    installation phases.
    Creation of 3D models (including real kinematics) for seats and divan in CATIA V6, divan armrest with AutoCAD, creation of
    all the drawings for assembly; installation; Prototype …
Other: Development of a several programs with Excel and VBA; comparison; weight Calcul…
    Creation of an innovating armrest flap: light, cheap, small, efficient, which can be used in many configurations.

2012/2013: 10 months • Job as subcontractor (BTA) • **AMAC Aerospace** • Design and drawing of divans armrests and cushions • Drawing for installation or assembly of seats and divans of a complete Aircraft (Boeing 777) • AutoCAD Light.

2011/2012: 9 months • Job as subcontractor (BTA) • **JET Aviation** (68-France) • Design and drawing of seats components (backshell, backrest, seat pan, leg rest, headrest, armrest) • 5 days of training in Upholstery shop (building of an armrest prototype) • CATIA V5 and Smarteam.

2011: 21 weeks • Internships • R&D at Basel-Technik-**Aerospace** (Switzerland) • Optimization of a Hi-Lo table mechanism • In charge of the whole project (technological research, design, stress, drawing, setting and writing certification test procedures, organizing schedule, ordering and following the manufacturing of the machined parts, searching and ordering the supplied items, assembling the prototype).

2010: 18 weeks • Internships • Prototyping area at HEATform (**Germany**) • assisting in prototyping area (50% in the office, 50% in the workshop • designing mold, building mold box prototype, thermal studies of material resistivity.

2009: 18 weeks • Internships • R&D at ARVINMERITOR (88 France) • creation of a material database (polymer and steel).

2007/2008: 12 months • Job • R&D FRANCE TRANSFO Maizières les Metz (57-France) • Drawings • Pro Engineer 2001.

2005: 21 weeks • Internships • R&D at IDESTYLE (Strasbourg, 67 France) • Working on design projects • Assisting the team in their train design suggestions.

Abroad
2010: 18 weeks • Learning **German** in evening classes and exchanging with my colleagues during my internship.
2006/2007: 14 months • Heathrow Airport (**England**) • Waiter in a sea-food-bar CAVIAR HOUSE & PRUNIER •

Studies
2018: On line courses for HTML5 and CSS3 • Passed
2016: 7X7 Aircraft Boeing Structural Repair for Engineers - Part I • Passed at AMAC. EuroAirport, (68-France)
2008/2011: Master's degree in engineering at the InSIC, **Ecole des Mines de Nancy** • Passed, (88-France) • **Head of class**.
2004/2005: Bachelor of science - LP « Conception de Produit Automobile » • Passed at ORLEANS University (45-France).
2002/2004: National higher diploma - B.T.S M.A.V.A • Passed at G. Eiffel college (57 France).

Skills
C.A.D. **CATIA V6/V5** (R17-18-19) • **Solidworks-pro 2018 I owe a license** • Inventor • AutoCAD Light • SmarTeam
Languages French (native) • English (BEC Vantage – B2 Level) • German (Intermediate – B1 Level)
Programs Visual basic (VBA) • ACCESS • HTML5 • CSS3
Office Microsoft Office (Word • Excel • Power-point • Project
Other Boeing Structural Repair Part I • Pinnacle studio 21 ultimate