



Alejandro González

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# Alejandro González Cocaña

## Industrial Engineer, Master of Engineering Automotive Engineer, Master of Science

### Experience

#### Oct 15 - now, CAE Engineer, VOLVO CARS (Gothenburg, Sweden)

Analysis Engineer at Volvo Cars R&D. Responsible for verification of embedded software using virtual methods.

#### Jan 15 - Sep 15, M.Sc. thesis, VOLVO CARS (Gothenburg, Sweden)

Master Thesis at Vehicle Dynamics CAE, Volvo Cars R&D. Influence of body stiffness on vehicle dynamic characteristic (Adams, CarMaker).

#### Apr 15 - Jun 15, Research Assistant, SAFER (Gothenburg, Sweden)

Analysis of driving behaviour for vehicle safety research project at SAFER, Vehicle and Traffic Safety Centre (Matlab).

#### Sep 13 - Aug 14, Project Engineer, CHALMERS FORMULA STUDENT

Aerodynamics and composites structure design. CAD (Catia v5), CFD (Star CCM+) and FEM (Ansys ACP) simulations. Cost responsible.

### Education

#### 2013 - 2015, AUTOMOTIVE ENGINEERING, Master of Science

Chalmers University of Technology, Gothenburg, Sweden

#### 2008 - 2013, INDUSTRIAL ENGINEERING, B.Sc. & M.Sc.

University of Oviedo, Gijón School of Engineering, Asturias, Spain  
Erasmus exchange student at Chalmers TU, Sweden (2012 - 2013)  
Overall grade: 8.0/10

### Skills

#### Automotive

- Research & Development
- CAE and simulations
- Vehicle dynamics
- SiL & HiL

#### Industrial Engineering

- Research & Development
- Team management
- Manufacturing processes
- Business economics

#### Computer software


- MatLab
- SimuLink
- Python
- Adams
- CarMaker
- Star CCM+
- ANSA
- Ansys
- Catia v5

#### Languages

- English (fluent)
- Spanish (fluent)
- Swedish (basic)

### Additional information

Academic excellence scholarship and five distinctions (University of Oviedo)  
Margit y Folke Pehrzon Scholarship 2015 (Chalmers University)  
Association Member (2008-): management, graphical design, website  
Coach in an under-16 football team (2008-2012)

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