

# CRISTOBAL GISLASON

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5011 Senger Flats, Houston, TX • +1 (555) 557 8600

## WORK EXPERIENCE

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### SENIOR VEHICLE ENGINEER

05/2017 - PRESENT

*Chicago, IL*

- Containment – Quickly identify and implement effective and robust containments
- Feedback – Feedback concerns at cross functional meetings reporting out to all levels including directors
- DPV / RFT reduction – (Defects per vehicle / Right First Time) Provide engineering support to the production lines for containment and problem resolution of build issues caused by design, engineering, production or supplier quality issues
- Supplier support & investigations – Support investigations and requests for support by suppliers, both on and off site
- Travel – Be willing to travel if required for investigation including investigation of robust process and control at Suppliers, both within the UK and abroad
- Individual objectives – Manage their own objectives to ensure all KPIs and annual plan targets are met
- Months of experience in the job offered or 6 months of experience applying functional safety principals to artificial intelligence systems and machine learning

### VEHICLE ENGINEER

10/2010 - 12/2016

*Houston, TX*

- Months of experience modeling and simulating autonomous vehicle features using Simulink, Matlab and Labview
- Months of experience performing systems engineering for new technology development
- Months of experience developing controls for automated or autonomous vehicles
- Months of experience developing Lidar, Radar, or Ultrasonic sensors and sensing systems
- Months of experience applying Functional Safety including ISO 26262 and STPA to analyze complex control structures in automotive autonomous vehicles
- Months of experience researching and applying Model Based System Engineering (MBSE) to model, analyze and develop a system and modeling Virtual Driver System in Complex-Autonomous vehicles using SysML
- Months of experience applying multi-factor authentication and cyber security specification in autonomous-automotive applications
- Global Vehicle Authority - Provide functional assurance on Mobile Equipment integrity. Steward for the VEHC 10 standard and any proposed changes. This also includes the authority to approve acceptable aviation vehicle manufacturers (compliance of design to the VEHC 10 standard sits primarily with the Performance Unit Vehicle TA)
- Lead the vehicle global replacement programme globally, work with the Global Procurement Manager and support PU Vehicle TAs in the change out and purchase/procurement of mobile facilities and equipment

### FALCON STAGE VEHICLE ENGINEER

09/2007 - 08/2010

*New York, NY*

- Be responsible for the upkeep and stewardship of Air BP documentation including creation and development of GEN, MECH, ITM and VEHC applicable vehicle standards
- Support Global Operations Specialist in EN Committee and international updates and ensure Safety Critical Equipment meets STP requirements
- Support Global Operations Specialist on vehicle maintenance task packs, maintenance and training (where competent)
- Ensure Air BP and NOJV of vehicle related incidents are investigated, communicated and lessons learned
- Lead the Global Vehicle Working Group – lead the strategic agenda and OMS work plan delivery aligned to MAR and business needs
- Participate in, contribute to, and/or lead related, PHSERs, HAZOPs, RCAs and MOCs
- BS Electrical, Chemical, or Mechanical Engineering
- In with electric propulsion systems, energy storage / battery systems, or similar technology

## EDUCATION

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### WASHINGTON ADVENTIST UNIVERSITY

2002 - 2006

*Engineer's Degree in Engineering*

## PROFESSIONAL SKILLS

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- Excellent communications skills, detail oriented and ability to work independently are essential
- Strong organisational, interpersonal and communication skills
- Demonstrate experience in evaluating designs for compliance to technical and industry standards
- Proven commissioning and maintenance experience applicable to aviation vehicles
- Proven experience of delivering vehicle systems from a concept level
- Demonstrated experience working teams of engineers delivering service within deadline and budget
- Strong team worker – skill to work with extensive teams