

# ROBERT SMITH

## Cad Specialist

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### SUMMARY

To obtain a position as a Cad Specialist. Strong knowledge of engineering theory and principles of product design relevant to the automotive seat industry,.

### CORE COMPETENCIES

Computer Drafting Design, Document Control.

### PROFESSIONAL EXPERIENCE

#### Cad Specialist

**IGB Automotive Ltd. - May 2013 – 2014**

##### Key Deliverables:

- Designed heated seats, heated steering wheels, and wire harness assy.
- Created 3D models of seat ventilation system for concept studies to verify fit, form, and function of mechanical designs.
- Developed component and assembly drawings in CAD using applicable CAD standards.
- Created and updated Bills of Material (BOM) for programs to ensure the accuracy of parts in a timely fashion to meet production scheduling deadlines.
- Participated actively in the requirement to retain ISO certification.
- Participated in the building of assemblies in prototype stages,
- Assisted in coordinating builds and shipments to support the team and the customer.

#### Cad Specialist

**Delta Corporation - 2017 – 2018**

##### Key Deliverables:

- Created P&IDs, electrical, architectural, and structural framing drawings.
- Created required steel tank mechanical detailing for filtration manufacturing projects.
- Created and maintained a drawing database for new manufacturing production buildings.
- Designed and tested fire protection equipment.
- Designed and drew fire protection equipment.
- Generated new and as-built drawings of fire sprinkler and alarm systems.
- Tested fire detection and protection equipment.

### EDUCATION

- Master of Engineering (Automotive) - (University of Windsor - Windsor, ON)