

# ROBERT SMITH

## Asst. Technical Intern

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Good analytical and problem solving skills combined with abilities to effectively report. Self-starter, can be able to work independently to complete projects and have the ability to handle several assignments at one time. Demonstrated ability to effectively work within a diverse team and as an individual. Excellent written and verbal communication skills.

## EXPERIENCE

### Asst. Technical Intern

#### Broadcom Corporation - JUNE 2015 - 2020

- Updated the Product Data Management system Created flat pattern designs from 3-D CAD models for the manufacturer Presented part designs during group .
- Developed and fabricated tungsten contact lead pads for a light-bulb on a chip. Fabricated and tested silicon nitrile windows against 1 atm pressure.
- Fabricated cantilever beam section of micro-NMR using deep-RIE.
- Tested electrical resistance of quartz upside down devices with SWAT team.
- Have gained skills on application security architecture through authentication and authorization modules in DSTs financial services platform and .
- Worked with business users/Analytics team, data architects to identify the business requirements and designed documents for ETL flow.
- Created complex Pentaho Transformations and Jobs using PDI Spoon Involved in building Data warehouse where primary data source included external .

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#### Delta Corporation - 2014 - 2015

- Updated the Product Data Management system Created flat pattern designs from 3-D CAD models for the manufacturer Presented part designs during group .
- Developed and fabricated tungsten contact lead pads for a light-bulb on a chip. Fabricated and tested silicon nitrile windows against 1 atm pressure.
- Fabricated cantilever beam section of micro-NMR using deep-RIE.
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- Have gained skills on application security architecture through authentication and authorization modules in DSTs financial services platform and .
- Worked with business users/Analytics team, data architects to identify

the business requirements and designed documents for ETL flow.

- Created complex Pentaho Transformations and Jobs using PDI Spoon  
Involved in building Data warehouse where primary data source included external .

## EDUCATION

- Master of Engineering in Electrical Engineering - (Texas A&M University - College Station, TX)

## SKILLS

Languages: Verilog HDL, C, C++, Java., Design Tools: Cadence Spectre, Cadence - Virtuoso Schematic/Layout XL, ADE L, Sonnet V15.52, ASITIC, LabVIEW, MATLAB, LTspice, Synopsis Custom Waveview, ExpressPCB, Eclipse.