# Robert Smith

## *Associate System Design Engineer*


### CONTACT DETAILS

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### PERSONAL STATEMENT

Highly innovative, and results-focused professional, offering more than 15 years of technical expertise in project management, systems design, sales and key account management. Adept at managing client relationships, developing new business relationships, driving revenue, identifying growth opportunities, and expanding customer base.

### WORK EXPERIENCE

#### *Associate System Design Engineer*

**Marvell Technology Group Ltd. - May 2012 – 2020**

*Responsibilities:*

- Embedded systems and real-time software and firmware design Hardware.
- Coordinated with Controls Engineering to ensure proper system operation; Prepared project submittal packages and track changes.
- Interfaced with customer Project Managers.
- Created and completed Bill of Materials (BOMs) on systems designed.
- Contacted field sales people and/or customers to acquire design data needed to complete projects.
- Updated and maintained project tracking spreadsheets.
- Completed Engineering Change Requests.

#### *System Design Engineer*

**Delta Corporation - 2007 – 2012**

*Responsibilities:*

- Clients inluded medical colleges, medical laboratories and aerospace facilities.
- Audit parts, assemblies, and BOMs created by others, for accuracy and compliance with drawing standards.
- Examine DC and Dynamic performance and characterization of ADC, DAC, Filters and various other analog and mixed signal blocks.
- Design, bring up and maintain validation setups in telecom labs, working experience with Silicon Validation Boards (Evaluation Board), Oscilloscope, Spectrum Analyzer, Logic Analyzer, Power Supplies, Clock Generator, Signal Generator and other validation test equipment.
- Skills Used Solid knowledge in analog building blocks like Operational Amplifier, Active Filter, Bandgap Reference, and mixed-signal system blocks like DAC and ADC.
- Extensive experience with Cadence tools(Virtuoso), programming experience with Matlab, Ocean Script and Verilog-A modeling language.
- Extensive software development skills, test automation with C and VBA, hands on experience with script languages like TCL and Python Academic Experience Highlights Analog Integrated Circuit Studied a variety of CMOS amplifier architectures with their slew rate, settling time, phase margin, stability, gain and bandwidth.

### SKILLS

Analog Mixed Signal Design.

### LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

### INTERESTS

Climbing
Snowboarding
Cooking
Reading

### REFERENCES

Reference – 1 (Company Name)
Reference – 2 (Company Name)


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## Education

Master's in Electrical Engineering - 2009(Auburn University - Auburn, AL)

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