Tanuj Goyal

Male, 28

EDUCATION

Year	Degree/Certificate	Institute/School, City	% / CGPA
2011	M.Mgt, Strategy and Finance	SJMSOM, IIT Bombay	8.52/10
2007	B.Tech, Electrical Engineering	IIT Madras, Chennai	8.17/10
2002	Class XII	Instrumentation limited School, Kota (CBSE)	80.4
2000	Class X	Mayoor School, Ajmer (CBSE)	85.4

PROFESSIONAL EXPERIENCE — 49 Months

STMicroelectronics India Pvt. Ltd. **Senior Design Engineer** **Sep 2010-July 2011**

STMicroelectronics is an Italian-French electronics and semiconductor manufacturer with around 53000 employees

Responsibilities:

- Was instrumental in **project scheduling** which required in depth understanding of the customer requirements
- **Initiated** to **automate** the complete **verification environment** to **reduce the cycle time** to hours instead of man weeks
- Responsible for continuous interaction with the **cross functional team** across different **geographies**
- Took the **initiative** to conduct **seminar** on **verification methodology** at **IIT Delhi** and **Delhi college of Engineering**
- Responsible to **guide the level 1 engineers** through various technical and one to one doubt clearing sessions
- **Re-designed** the structure and architecture of the chip to make the design and verification environment suitable for **reuse**
- Worked with high level technical people on the 28-32nm technology which is still in the nascent stage

Cypress Semiconductor India Pvt. Ltd. **Senior Design Engineer** **Jun 2007-Sep 2010**

Cypress Semiconductor Corporation is a silicon valley based semiconductor design and manufacturing company

Responsibilities:

- **Led** the team for **innovation and cycle time reduction** to efficiently debug the chips at the silicon stage
- **Led** the team for **Design and process improvement** in order to **reduce the cycle time** and human error
- **Automated** complete verification of CACHE memory. Designed and verified almost all the components of a programmable solution on chip (PSOC), NVL, MEMORY, FLASH, GPIO ports , CPU and AHB-protocol

Achievements:

- **Awarded** a **certificate** and **cash prize** for creating an "**External interface model**" for chips thereby **reducing the cycle time** to many folds. This saved **10 man weeks** for **Cypress worldwide** and was included in the **best practices**
- **Awarded** a **certificate** and **cash prize** for designing a "**Debug tool**" which saved **4.4 man weeks** for **Cypress worldwide**
- **Awarded** a certificate of appreciation for successfully completed the training on PSOC-mixed signal array

ACADEMIC ACHIEVEMENTS

• CFA Level 2 cleared in June 2012	2011-12
• CFA Level 1 cleared in December 2011	2010-11
• Secured an **All India Rank 15** out of **approximately 27000** aspiring candidates in **JMET 2011**	2010-11
• Awarded a **PPO** from **Cosmic Circuits** for doing **Digital implementation** on FPGA kit and all round performance during my internship period in engineering	2006-07
• Completed finance courses from other department in **IIT Madras** such as **Security and Portfolio management**, **Accounting for managerial controls**, **Financial services for managerial decisions**, **Economics for industrial organization**, **Financial Economics**, **Probability and Random process** with **8.166/10 GPA**	2006-07
• Secured an **All India Rank 407** out of **approximately 3 lakh** aspiring candidates in **IIT-JEE 2003**	2002-03
• Awarded a **certificate** from Rajasthan Roadways Ajmer for securing a top rank in IIT-JEE 03	2003-04
• Awarded with a best **all-rounder** at the school level for active participation in academic, sports, and painting	2005-06
• C**onsistent performance** in getting **1st rank** in class from **class I to class XI** at school level	1990-01

POSITIONS OF RESPONSIBILITY

Position	Key Achievement	Period
Volunteer, General Arrangement, **Shaastra 2003**, **Annual Technical Festival** of **IIT Madras**	Successfully managed along with the other team members in all the infrastructure and general arrangements for all the participating teams.	2003-04

EXTRA-CURRICULAR ACTIVITIES

• Volunteer, Avenues G20 manthan summit in SJMSOM 2011	2011-12
• Part of the **National Social Service** (Campus patrolling team) at IIT M, aimed to improve the security of campus	2003-04
• Won the **general knowledge** quiz and **Hindi declamation competition** held at school level	1996-97
• Won the **table tennis competition** held at St. Paul School at district level	1996-97
• Won **consolidation prize** in a **drawing competition** and **poster competition** organized by Rotary club	1996-97

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