

Siddharth Manohar

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SUMMARY

Retired electrical engineer with expertise in RF/microwave design.

EDUCATION

M.S (Electrical Engineering), Clemson University, SC, United States, 1999-2002.
Master's Thesis: An empirical large signal model for SiC MESFETs

B.E (Electrical Engineering), University of Madras, Chennai, India, 1995-1999

WORK EXPERIENCE

- Independent Trader, Statistical Arbitrage, 2023- Present
- Director, Swint Electronics Private Limited, Chennai, India, 2018-2023
- Assistant Manager, Astra Microwave Products Limited, Hyderabad, India, 2013-2014
- Application engineer, Agilent Technologies, Hyderabad, India, 2011-2012
- Senior Engineer, Ace technology, Incheon, South Korea, 2008-2009
- Engineer, Astra Microelectronic Technologies Limited (now Aelius Semiconductors), Hyderabad, India, 2004-2008
- Graduate Research Assistant, Clemson University, United states, 1999-2002

RELEVANT ACCOMPLISHMENTS

- Raised \$50K as seed funding for Swint Electronics (1st startup)
- Research on FOSS and low cost Test and measurement Instrumentation for microwave engineering and metamaterials for low-cost RFIC design*
- Multiple publications (journal and conference – IEEE) on circuit design and measurement based modeling of microwave circuits*
- AE for Agilent Eesof
- Part of a ten member startup team tasked with designing chipsets for T/R modules used in phased arrays (Astra Microelectronics Technologies Limited, now Aelius Semiconductors)

LANGUAGES

English, Tamil, Hindi

PROGRAMMING LANGUAGES

C, Python

GITHUB

github.com/smanoha

* - Patents to be filed/ideas to be monetized